



Microsoft Word Creating a Structured Thesis (CaST)

Course objectives:

- Add structure with sections and styles
- Apply heading numbering
- Generate automated table of contents, figures etc.
- Insert captions and cross references
- Consolidate documents and merge formatting

Student & Staff Training and Support Information

Email: training@library.uq.edu.au

Web: https://web.library.uq.edu.au/library-services/training/





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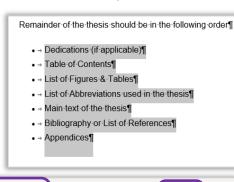


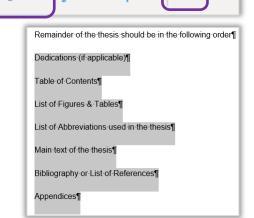
Preparing the screen

- 1. Open the document Thesis Template Preliminary Pages
- 2. Turn on the Navigation Pane and Rulers
- Click the View tab
- Place ticks in the Ruler and Navigation Pane tick boxes



- 3. Turn on the hidden characters to display the pilcrows and page breaks
- Click the Home tab
- Click the Show/Hide button (approximately one third of the way across the ribbon)
- 4. Go to the last page (page 8)
- Click on the empty pilcrow above the text Remainder of the thesis
- Press Ctrl (Command on the Mac) +
 Enter to create a page break and move the text and bullet list to a new page
- Select the contents of the bullet list from Dedications down to Appendices
- Click the Bullet List button to turn off the bullets
- Click the Indent button to remove the indents
- Click at the end of List of Figures
- Press Enter
- Add the text 'List of' and delete the ampersand
- Go to the end of List of Tables and press enter
- Add the text List of Charts







Section Breaks and Page Numbering

In Word you can set your page numbers to run consecutively across all pages or, if you have used section breaks in the document, to restart numbering when you reach a new section.

Exercise 1.

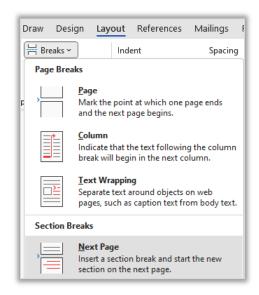
Inserting Section Breaks

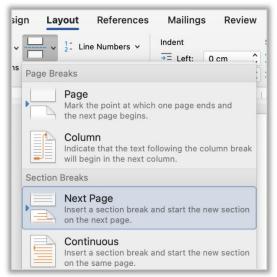
With section inserted in a document, it is possible to reformat the page numbers between sections. For example, you can have Roman numerals for an introductory section and Arabic numerals for the main part of the document. Section breaks also allow a document to have more than one page layout so you can swap between portrait and landscape layouts.

Insert a section break

- 1. Click on the first page in front of the visible Page Break underneath Name of the enrolling unit
- 2. Press the delete key on the keyboard to delete the page break
- 3. Click on the line above at the end of Name of the enrolling unit
- 4. Press the Enter key on the keyboard
- 5. Go to the Layout tab
- 6. Click Breaks
- 7. Select Section Breaks: Next Page

See below the appearance of the interface for Windows (left) and Mac (right)





- 8. A Section Break should now be visible next to Name of the enrolling unit
- 9. Go to the last page (Ctrl+End shortcut)
- 10. Click at the end of the text List of Abbreviations used in the thesis
- 11. Press Enter
- 12. Go to the Layout tab
- 13. Click Breaks
- 14. Select Section Breaks: Next Page



Remove Link between sections

- 1. Return to the first page of the document
- 2. Right click bottom of page then select **Edit Footer** (the footer will open and it should say **Footer Section 1** on the left hand side)
- 3. The Header and Footer tab will open as well
- 4. Move to the next page of the document and look at the footer at the bottom
- 5. It should say Footer Section 2 on the left and Same as Previous on the right.

This 'Same as Previous' message means the two sections are linked and what you do in one will be repeated in the other. To avoid this (if necessary) we need to unlink the sections

- 6. Click into the footer
- 7. On the Header and Footer tab Click **Link to Previous** button

See below the appearance of the interface for Windows (left) and Mac (right)



8. The Same as Previous words on the right will disappear and this will ensure section 2 is independent of the previous section.

With an independent Section 2 we will be able to put page numbers into our document starting from the second page thereby leaving the first page blank



Exercise 2.

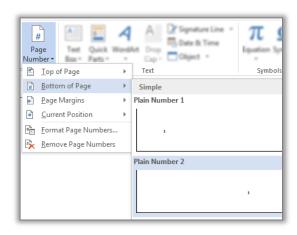
Page numbering

Insert page numbers into the document

A) Windows users:

Whilst still in section 2 and on what is Page 2 of the document...

- 1. Go to Insert tab
- 2. Click Page Number
- 3. Select Bottom of Page
- 4. Select Plain Number 2
- 5. Close **Header and Footer** (if necessary)
- 6. Save the document



B) Mac users:

Whilst still in section 2 and on what is Page 2 of the document...

- 1. Go to the Insert tab
- 2. Click the Page Number button
- 3. Choose Page Number

In the Page Numbers dialogue box

- 4. Choose the required **Position** and **Alignment**
- 5. Click OK
- 6. Save the document



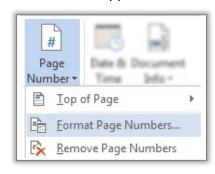
We should now have page numbers in our document, excluding the cover page

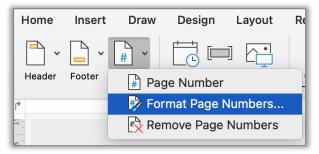


Format page numbers by section

- 1. Click on Page Number button
- 2. Select Bottom of Page
- 3. Select Plain Number 2
- 4. Click Page Number
- 5. Click Format Page Numbers...

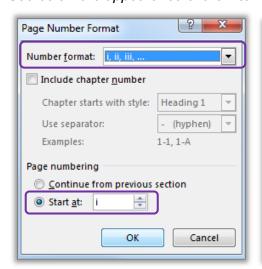
See below the appearance of the interface for Windows (left) and Mac (right)

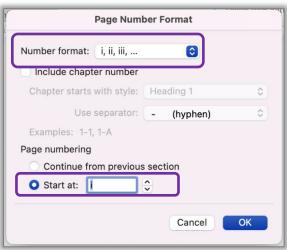




- 6. Click 'Number format' arrow
- 7. Select Roman Numerals
- 8. Set Start at: i
- 9. Click OK
- 10. Close Header and Footer tab
- 11. Save and close the document

See below the appearance of the interface for Windows (left) and Mac (right)





We should now have page numbers in our document formatted as Roman Numerals in Section 2, and in Arabic numbers in Section 3 (last page of the document).



Styles

What is a Word style?

A style is a combination of settings that can be stored together under a style name and can be applied to portions of the document with a single click. Styles are used to apply text and paragraph formatting quickly and easily.

Exercise 3.

Apply quick styles

Open the document 'Unformatted_thesis.docx'

Apply Heading 1 to the headings

- Microsoft Word
- StarOffice Writer
 - 1. Select 'Microsoft Word'
 - 2. Click the **Heading 1** quick style pane to apply the style
 - 3. Repeat for the rest of the required headings

Hover the mouse over a quick style to see a Live Preview of the style (Windows only)

Apply Heading 2 to the subheadings

- Frequently Asked Questions
- Writer saves documents in its own format
- Word cannot open Writer documents
- Some minor functions are not available in Writer
- · Writer is incompatible with Endnote
 - 4. Select 'Frequently Asked Questions'
 - 5. Click the **Heading 2** quick style pane

Repeat for the rest of the required subheadings

Apply Heading 3 to the sub subheadings

- How do I recover a Word document after a crash or mistake on a UQ Library computer?
- Word closed unexpectedly. Where is my document?
- Why can't I open a Word document?
 - 6. Select 'How do I recover a Word Document
 - 7. Click the **Heading 3** quick style pane

Repeat for the rest of the required sub subheadings









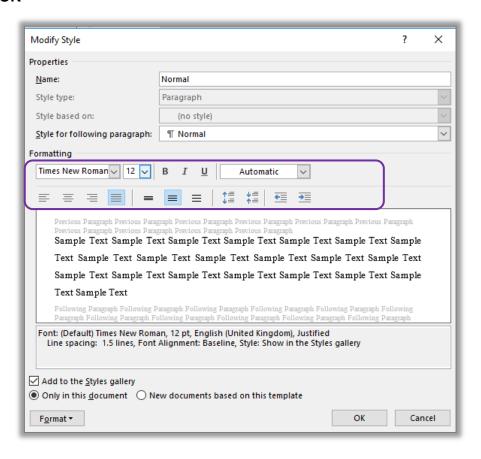
Modifying Styles

When using styles, you format the document by modifying the style definitions rather than directly formatting the document text. Formatting using styles is reliable, consistent and saves time.

Exercise 4.

Modify Normal Style

- 1. Select a Normal paragraph
- 2. Go to the Home Tab
- 3. Right click on Normal quick style
- 4. Select Modify
- 5. Make changes to style e.g. Times New Roman, size 12 and 1.5 line spacing
- 6. Click OK







Exercise 5.

Modify heading style

It is generally recommended to use the built-in Heading styles: Heading 1, Heading 2 etc for major and minor topic points and modify these styles to suit your needs. Many of Microsoft Word's automatic features, such as Table of Contents, Multilevel Numbering and Figure Caption, are based on these styles.

- 1. Select heading: Microsoft Word
- 2. Go to the Home Tab
- 3. Right click on **Heading 1** quick style
- 4. Select Modify
- Make changes to style (as in Modify Normal Style image above)
 e.g. Times New Roman, size 16, automatic colour and 1.5 line spacing
- 6. Click OK

Repeat for Heading 2 and 3.

- Heading 2 Times New Roman, size 14, automatic colour and 1.5 line spacing
- Heading 3 Times New Roman, size 13, automatic colour and 1.5 line spacing

Exercise 6.

Create a new style

There may be times when the built in styles are not suitable for modification. In this case it may be necessary to create a new style.

- 1. Select any text that is formatted with the **Normal style**
- 2. Click the (on Windows) Styles group dialog box launcher or (on Mac) Styles Pane button on the Home tab

The Styles Pane will open

See below the appearance of the interface for Windows (left) and Mac (right)



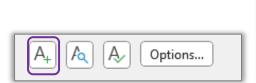




3. Click the New Style button in the Style Pane

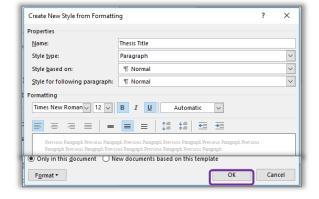
Located in the bottom left hand corner of the Styles Pane on Windows Located near the top on Mac

See below the appearance of the interface for Windows (left) and Mac (right)



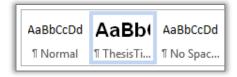


- 4. Enter the following details for the style:
 - Name: "Thesis Title"
 Style type Paragraph
 Based on Normal
 Following Para Normal
- 5. Define the style settings;
 - Font Times New Roman, Bold, Underline
 - Size **12**
- 6. Click OK



The new **Thesis Titles** style should appear in the style gallery and will be applied to your selected text.

If necessary reapply the **Normal style** to the text





Automatic Heading Numbering

Multilevel numbering is the process of applying a numbering system to your headings. Having a numbering system, such as 1, 1.1, 1.2 etc, is an important part of any long and/or complex document. This navigational aid can be applied directly from the ribbon. The best approach is to link the numbering to the heading styles. Ideally, you should use built-in headings sequentially or automatic numbering will be incorrect.

Exercise 7.

Apply multi-level numbering to headings

- Click on text with the heading 1 style, e.g. 'Microsoft Word'
- 2. Click on the **Multilevel list** button in the **Paragraphs** group on the **Home** tab



3. Select the list style which has numbering linked to heading styles.

This will apply numbering throughout the document to text that have heading styles applied. Any new text styled as a heading will be numbered automatically any other style will **not** be numbered. Styles based on a heading style will have the numbering scheme applied

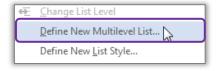


Exercise 8.

Customise numbering

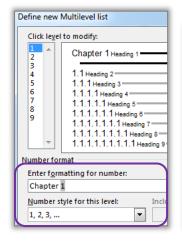
If the multilevel list used for numbering is not suitable for your needs you can customise it.

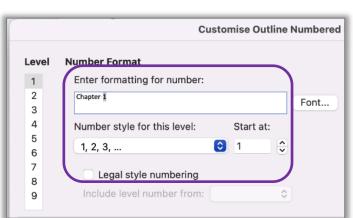
- 4. Click on the **multilevel list** button
- 5. Select 'Define new Multilevel List...'
- 6. Type 'Chapter' before the count in the Enter formatting for number: box



Be careful NOT to remove the shaded number field. If you do; reset by selecting the 'Number style for this level' as 1, 2, 3, ...

See below the appearance of the interface for Windows (left) and Mac (right)





- 7. Click OK
- 8. Save the document

Your numbering scheme will update throughout your document.



Exercise 9.

Save a custom style set

Reset to the Default Style Set

Save as a New Style Set...

- 1. Go to the **Design** tab
- 2. Click the More button

Windows users: bottom right of all the designs

Mac users: hover the mouse over the designs near the middle for the More button to appear See below the appearance of the interface for Windows (left) and Mac (right)





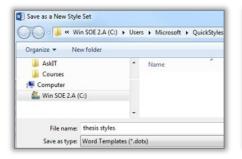
The style set in use is displayed in the "This Document" section

3. Click on Save as a new Style Set...

New Style Sets **must** be saved to the default location Mac users: ensure the location says Style Sets

4. Enter the name "thesis styles" for the new style set

See below the appearance of the interface for Windows (left) and Mac (right)





- 5. Click Save button
- 6. Save the document

The new style set is available from the gallery on the Design tab under the **Custom** section in Windows but is located in the **Built-in** section at the bottom in Mac. This style set will also be available for use in other documents on this computer.

See below the appearance of the interface for Windows (left) and Mac (right)





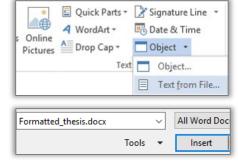


Exercise 10.

Combining documents

Save and close the previous document and Open 'ThesisPreliminaryPages.docx'

- 1. Go to the last page
- 2. Click at the end Main text of the thesis and insert a page break (Ctrl or CMD + Enter)
- 3. Highlight the text 'Main Text of Thesis'
- 4. Go to Insert tab
- 5. Click Object arrow
- 6. Select Text from File...
- 7. Browse to the file: **Unformatted Thesis.docx**
- 8. Click on Insert



The 'Unformatted Thesis' will be inserted into the Prelim Pages and will adopt the styles of the destination document.

Exercise 11.

Change the style set

Change the style set

- 1. Click on the **Design** tab
- 2. Hover over a style set

Live preview will display a sample in document (Windows only)

3. Locate and click the **Thesis Styles style set** to apply the change

Click the more button and the locate the Thesis Style set in the custom section (Windows) or the built-in section (Mac) near the bottom

All applied styles will update accordingly

See below the appearance of the interface for Windows (left) and Mac (right)







Table of Contents

A table of contents is an automatically generated list of styled headings within your document and their associated page numbers. It is used for reference and navigation purposes. The simplest way to create a table of contents is by applying heading styles throughout your document - for example: Heading 1, Heading 2, etc. When creating a table of contents Microsoft Word searches the document for these headings.

Exercise 12.

Generate table of contents

Insert a Table of Contents

- 1. Go to Page vii
- Position cursor below the heading 'Table of Contents'
- 3. Go to the References tab
- 4. Click on Table of Contents button
- 5. Select Custom Table of Contents...
- 6. Customise settings as required
 - Tab Leader
 - Formats
 - Show Levels

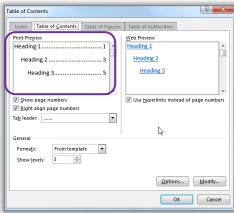
Note: Heading Styles are automatically assigned 'levels'. Heading 1 is level 1, Heading 2 is level 2 and so on. Show levels 3 will show Heading 1, 2 and 3. If you wish all Headings up to Heading 5 to appear in the Table of Contents adjust the Show levels value to 5

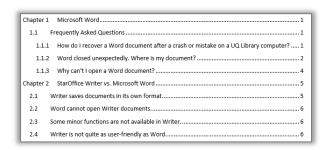
7. Click OK

A table of contents will be inserted based on all the recognised heading styles applied in the document.

Formatting and spacing will be based on the default settings of the **Table of Contents (TOC)** styles.









Exercise 13.

Navigating using the table of contents

The table of contents is inserted as a field code and can be used for navigation.

- Hold CTRL (Command key on Mac) on the keyboard and Click on the table of contents entry you want to go to.
- 2. Mac users may need to click on the page numbers within the table for this to work
- 3. Press Ctrl + Home to return to the first page

Table of Contents Chapter 1 M Current Document Ctrl+Click to follow link 1.1 Frequently Asked Questions ...

Or

Press Alt + ← (left keyboard arrow) to travel back to the table of contents

Exercise 14.

Updating table of contents

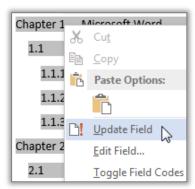
A table of contents is a snapshot of the text and styles in your document at any point in time. If you edit your document, you may need to update the table of contents to reflect these changes and rectify page numbering.

Manually update the table of contents

- 1. Right click on the table of contents
- 2. Click Update Field

OR

- Click on the Table of Contents
- Press function key F9
- 3. Select Update entire table
- 4. Click OK

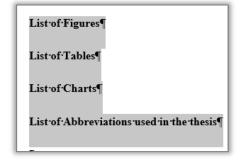




Exercise 15.

Apply "Thesis Titles" style

- 1. Go to the end of the Table of Contents
- 2. Select List of Figures, List of Tables, List of Charts and List of Abbreviations
- 3. Apply the 'Thesis Titles' style
- Go to the end of the document and repeat for Bibliography or List of References and Appendices





Exercise 16.

Formatting table of contents

To make formatting changes to a table of contents modify the Table of Contents styles and **NOT** the table. For example to modify Heading 1 entries, in the table of contents, modify the style TOC 1, to modify Heading 2 entries you modify the style TOC 2 and so on.

Format a table of contents

- 1. Select any text in the Table of Contents that is formatted with the TOC 1
- 2. Click the (on Windows) Styles group dialog box launcher or (on Mac) Styles Pane button on the Home tab

The Styles Pane will open

See below the appearance of the interface for Windows (left) and Mac (right)



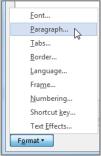
- 3. Select any text in the Table of Contents that is formatted with the TOC 1
- 4. Click the (on Windows) Styles group dialog box launcher or (on Mac) Styles Pane button on the Home tab

The Styles Pane will open

- 5. Scroll to and right click on TOC 1
- 6. Select Modify
- 5. Click the B for Bold
- 6. Click on Format > Paragraph
- 7. Click on Indents and Spacing tab

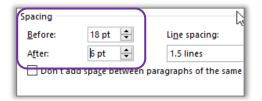








- 8. Enter 18pt spacing before
- 9. Apply 6pt spacing after paragraph style
- 10. Click OK
- 11. Click OK again



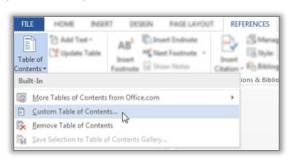
Exercise 17.

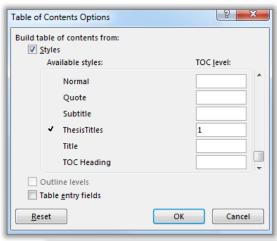
Generate a customised table of contents

When Microsoft Word creates a table of contents it does so by looking for a predefined set of heading styles. If you create your own styles to use within a document, for example – **Thesis Titles** style, these styles may not be included in the table of contents. It is possible to customise the table of contents to include any newly created styles.

Insert a customised table of contents

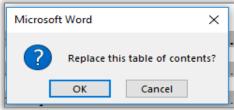
- 1. Click on the table of contents
- 2. Go to the References tab
- 3. Click on Table of Contents button
- 4. Select Custom Table of Contents...
- 5. Click the **Options** button
- 6. Indicate 'Thesis Titles' to be included at level 1
- 7. Click OK





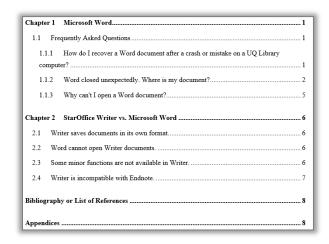
You will be prompted to replace existing Table of Contents

8. Click OK





A Table of Contents is inserted with the requested styles included. The style included will be formatted using the style level you entered. i.e. Level 1 = TOC 1



Captions and Tables of Figures

In order to identify objects in a document for further referencing they must have an attached caption. A caption is a descriptive label and the description for an image, table or equation. Crucially, captions use the Caption style. It is possible to create new caption labels for other data types as well; for example - charts.

Exercise 18. Insert captions

1. Click on first image in document

Handles will appear in each corner when an object is selected.

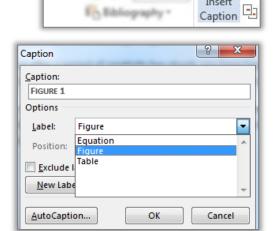
- 2. Go to References tab
- 3. Click on Insert Caption
- 4. Select Figure from the Label dropdown



MALINOS

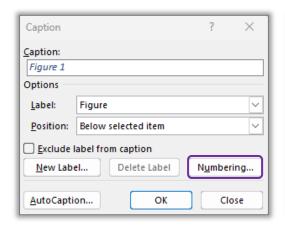
Insert

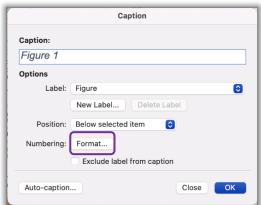
REFERENCES



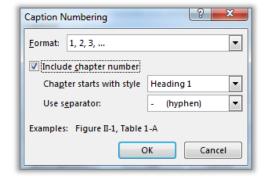


5. Click on the **Numbering** button (Windows users) or click on Format (Mac users) See below the appearance of the interface for Windows (left) and Mac (right)





- 6. Check 'Include Chapter Number'
- 7. Click OK



- 8. Click in the caption box next to the caption label 'Figure 1-1'
- 9. Type 'Fingers on Keys'
- 10. Click OK

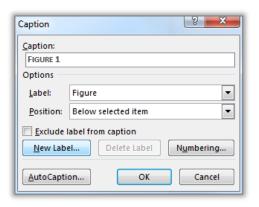
Repeat for other objects in document



Create new caption label

You may need a new label if your object does not fit the default labels.

- 1. Select Chart
- 2. On the **References** tab choose the **Insert Caption** button
- 3. Choose New Label



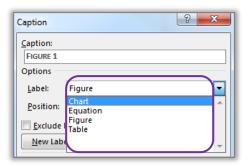


- 4. Enter the new label name 'Chart'
- 5. Click OK



Chart will now be the selected label in the labels list.

6. Click OK



Exercise 19.

Create a table of figures

REVSEW

Insert

Insert Table of Figures

🖺 Update Table

Captions

Caption Cross-reference

REFERENCES

Manage Sources

Style APA

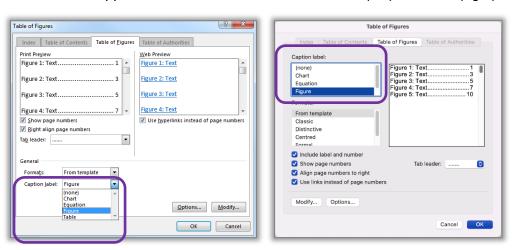
Fig. Bibliography *

A table of figures is similar to a table of contents. The difference is that a table of figures shows Caption styled text and related page numbers for a particular caption label: Figure, Table or Equation etc. It is therefore possible to create separate tables for any other captioned items in the document based on their label.

Insert a table of figures

- 1. Place cursor below 'Table of Figures'
- 2. Go to the References tab
- 3. Click Insert Table of Figures button
- 4. Check Caption label indicates Figure
- 5. Click OK

See below the appearance of the interface for Windows (left) and Mac (right)



All figures with a recognised caption for the label 'Figure' will be displayed.

Repeat steps 1 through 5 to create a Table of Tables and a Table of Charts underneath the respective headings



Cross-references

A cross reference is an identifying path to any numbered or labelled item or portion of the document. In Microsoft Word it is possible to create a cross reference using the cross reference feature available on the References tab. Cross references can only be used within one document and cannot reference separate external files.

Exercise 20.

Insert a cross-reference

REVIEW

Insert

VEW

Update Table

Caption Cross-reference

Insert Table of Figures

series of gibberish characters on the screen. To edit a StarOffice document in Word, you must save it within Writer as a Microsoft Word document (see Figure 1 for an image of a

MALINGS

person about to save a document).

Style: APA

REFERENCES

- Go to paragraph 2.2 Word cannot open writer documents
- 2. Select and delete the text Figure 1
- 3. Go to References tab
- 4. Click Cross-reference button
- 5. Select settings for cross-reference
 - Reference type: Figure
 - For which caption: Figure 1-1
 - Insert reference to: Entire caption
- 6. Click Insert

The dialog box doesn't close to allow for additional information on the cross reference.

Cross-reference Reference type: Insert reference to: Figure Insert supportink Separate numbers with For which caption: Figure 1-1 Fingers on Keys Figure 1-2 Laptops can be lit from either side Insert Cancel

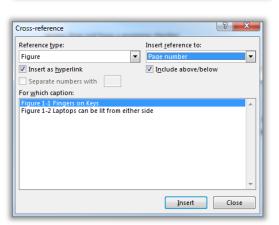
To add page number to cross reference

- 7. Select settings for cross reference page number
 - Reference type: Figure
 - For which caption: Figure 1-1
 - Insert reference to: Page number
 - Check Include above/below

This will add "on page" to your cross reference

- 8. Click Insert
- 9. Click Close

The cross reference will include the figure caption details and its page number.



2.2 Word cannot open Writer documents.
While Writer will quite happily open reasonably complicated Word (ie. *.doc) of automatically open *.sxw files. If you attempt to do so the file will look like a se characters on the screen. To edit a StarOffice document in Word, you must say document (see Figure 1-1 Fingers on Keys on page 3 for detailed instructions).



Consolidation

Exercise 21.

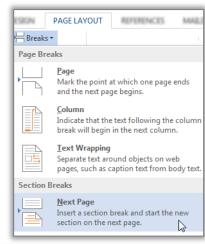
Combining documents

To combine a number of documents into one long document you can insert the contents of a file into a section of another document (as previously performed in Exercise 10)

Insert a section break:

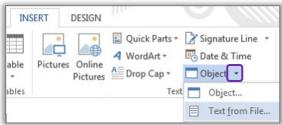
This is only required if the section break has not been inserted.

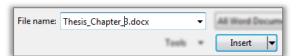
- 1. Move to end of Chapter 2
- 2. Go to the Layout tab
- 3. Click Breaks
- 4. Select Section Breaks: Next Page



To insert a file

- Go to Insert tab
- 6. Click Object arrow
- 7. Select Text from File...
- 8. Browse to the file: Thesis_Chapter_3.docx
- 9. Click on Insert





If Heading numbering is not consecutive after consolidating **and** you cannot correct this by right mouse clicking a heading and choosing Continue numbering you may need to reapply the styles. If you need to reapply styles you should do this from the first instance of a style being used. In the case of this document the first instance of Heading 1 is the heading Microsoft Word. The first instance of Heading 2 is Frequently asked questions and so on.

- 1. Select heading 1 Microsoft Word
- 2. Move your mouse to the style Heading 1 in the style gallery and Right mouse click and **Select All X Instance(s)**
- 3. Left mouse click the Heading 1 style in the gallery to Reapply the Heading 1 style
- 4. Select the heading 1.1 Frequently asked questions
- 5. Right mouse click on Heading 2 in the style gallery and Select All X Instance(s)
- 6. Reapply the **Heading 2 style** by left clicking on the Heading 2 style in the gallery



Exercise 22.

Update all document field codes

Although cross-referencing and captions provide automation in the document, you have to address amendments and modifications that take place as you work. For example if you manually move a captioned image to a new location the caption label may then show an incorrect label number. To ensure your references are displayed accurately you can update them as you work by choosing to update the field codes.

- 1. Select whole document; Ctrl + A or CMD+A in Mac
- 2. Press F9
- 3. Select '**Update entire table**' for table of contents, table of figures, table of tables and table of charts

Check that all image captions, cross references and table of figures have updated Repeat **F9** if necessary



Important note: it is important to perform this type of formatting while track changes are not in use. Track changes will note each automatic change as an update to be confirmed and delay automatic numbers from working properly until confirmed.