Introduction to LaTeX: Task Sheet

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1 Creating a document

- Create a new Overleaf project called "Introduction to LaTeX"

- Create a new article document

- Select a fontsize (11pt)

- Select the type of page you want to write on (A4)

2 Sections

- Add a new section to your document

- Add a new subsection to your document

- Add a table of contents to your document

3 Writing text

- Add some text to your document

- Make part of the text bold

- Make part of the text italic

- Underline part of the text

- Change the size of your text

4 Lists

- Add a bullet-point list to your document

- Add a numbered list to your document

5 Equations

- Add an equation to your document

- Embed an equation within some text

6 Adding Figures

- Add a figure to your document
- Change the size of the figure
- Change the vertical position of the figure
- Change the horizontal alignment of the figure
- Add a caption to the figure

7 Adding Tables

- Add a table to your document
- Change the text alignment within each column
- Add some horizontal and vertical lines
- Add a caption to the table

8 Referencing

- Go back and add labels to your sections, subsection, equation, figure, and table
- Write some text and reference each of the labels you just added
- Add a bibliography section to your document
- Add a bibliography item to your document
- Cite this bibliogrpahy item earlier in the text

9 Make a Title

- Using what you've learned so far, make a title for your document
- Use alignment and vertical spacing to manually make it look nice

10 Errors

- Work in pairs
- Open this LaTeX project
- Make a copy of the project each
- Correct the errors and compile the pdf

11 Useful References

- Wikibook
- Table Maker
- Equation Editor
- Overleaf Learning