

# MATH 4573: COURSE PROJECT ON [YOUR PROJECT HERE]

YOUR NAME(S) HERE

## 1. INTRODUCTION

Here's your **Intro!** An example of a reference: [NZM91]. More specific reference: [NZM91, Theorem 1.1].

Here's the itemize command:

- First;
- second;
- third!

Or maybe you'd prefer numbering:

1. First;
2. second;
3. third.

To write math, we put dollar signs around the math to create a “math environment.” For example, define  $f(x) := 5x + 1$ . Sometimes, we also like starting math on its own line, like

$$\left\lfloor \frac{a}{b} \right\rfloor = 0.$$

You can include pictures using the `graphicx` package, with a command such as the one commented out below (see LaTeX file). However, you'll also need to include the `png` file in your Overleaf document (or in an appropriate location with the correct path, see “`graphicspath`” in the preamble).

If you're using a math symbol frequently, you might create a “new command” to save you time re-using it. See for example the “`newcommand`” options I've added in the preamble of this LaTeX file.

When referencing a site, you can use the “`href`” command to make a clickable hyperlink. For example, the Overleaf site is <https://www.overleaf.com/>. You can also make a clickable phrase like this.

## 2. SECTION

You should divide your paper into logical parts using the section command.

## 3. CONCLUSION

Don't forget to take a look at the project description and rubric. One final piece of advice: have fun while working on your project. Make it look fancy, pretty and interesting!

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*Date:* April 19, 2024.

#### 4. ACKNOWLEDGMENTS

In this section, you can give thanks or acknowledge any book, paper, person or site that helped you write this project.

#### REFERENCES

- [NZM91] I. Niven, H.S. Zuckerman and H.L. Montgomery, *An introduction to the theory of numbers*, 5th ed., John Wiley & Sons, Inc., New York (1991).