1. Go to [www.overleaf.com](http://www.overleaf.com).
2. Create an account using your husky email.
3. Click on **New Project** and select **blank project**.
4. Name your project **MATH 3175 – Homework \_ - YOUR NAME**.
5. Delete all text in the source tab, and copy and paste the following into the source tab:

\documentclass[11pt]{article}

\usepackage{amsmath}

\usepackage{amssymb}

\usepackage{titling}

\usepackage[margin= 1in]{geometry}

\usepackage{graphicx}

\usepackage{mathtools}

\usepackage{parskip}

\usepackage{graphicx}

%\setlength{\parindent}{15pt} % Default is 15pt.

\title{\huge YOUR TITLE}

\author{YOUR NAME}

\date{DUE DATE}

\setlength{\droptitle}{-6em}

\begin{document}

\maketitle

You will type your solutions here. Below are some tips and examples to get you started, you may delete the text below when you start writing your own solutions.

\\

\\

Note that the double backward slash is used to end a line and can be used to space out your work.

To help you see how LaTex works, let's look at an example problem: Prove that the sum of two even numbers is even.

\textbf{Problem 1} Prove that the sum of two even numbers is even.

Proof: Let $a$ and $b$ be even numbers. Then, by the definition of an even number, $a=2k$ and $b=2t$ for some $k \in \mathbb{Z}$ and for some $t \in \mathbb{Z}$. Now consider the sum $a+b = 2k + 2t = 2(k+t)$. But, since the integers are closed under addition, $(k+t) \in \mathbb{Z}$. Hence, $a+b$ is an even number. $\square$

Note that the square indicates the end of the proof, and you should use it in your work.

For a full list of symbols, and how to use them in LaTex, please see the link included in the Getting Started with LaTex document.

\end{document}

1. Save the document or click on recompile to compile the code; the compiled pdf should appear on the right side of the screen.
2. If you are struggling with any of the steps, see my video on how to perform these steps.

Full list of symbols and how to use them in LaTex can be found here <https://oeis.org/wiki/List_of_LaTeX_mathematical_symbols>.

If you wish to work without internet access, I suggest downloading TexMaker and using the same template to get you started.