

CTPS-350 — Homework-02

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PROBLEM 1:

This section includes the text and paragraphs required for the first homework problem. Today I want to test out how the vim text editor will play with the latex compiler. In the vim editor, I usually set the line length to be 110 characters; at the 111th character, a new line will be automatically inserted.

Now I just tried compiling the doc and the produced pdf file displayed everything perfectly as I wanted. Apparently, a line between each block of text is considered a paragraph separator. Otherwise, the compiler just assumes that it's a space and continues as a whole paragraph.

For example, let's try again with the same text but with just one newline char instead of two.

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PROBLEM 2:

In this section, I want to see if the title will be pushed up further if I try to fill the page with more text. I certainly don't want it to occupy only the center of the page because that would be a waste of page estate.

Let's also add some mathematical equation in here to expand the size of the content:

$$\sum_{i=1}^N \frac{i^2}{N}$$

This is another equation:

$$\lim_{x \rightarrow \infty} \frac{x^2}{\log_2 x}$$