My class example

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1 Hello World!

Hello World! Today I am learning LaTeX. It is 100% better than Word. LaTeX is a great program for writing math. I can write in line math such as $a^2 + b^2 = c^2$. I can also give equations their own space:

$$x + 1 = x^2 + 1 \tag{1}$$

$$\gamma^2 + \theta^2 = \omega^2 \tag{2}$$

$$x^2 + y^2 = z^2$$

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2}$$

If I do not leave any blank lines LaTeX will continue this text without making it into a new paragraph. Notice that Equation 2 got a number.

Notice how there was no indentation in the text after equation 2. Also notice how even though I hit enter after that sentence and here ↓ LaTeX formats the sentence without any break. Also look how it doesn't matter how many spaces I put between my words.

For a new essay I can leave a blank space in my code.

2 Hello World again!

Hey y'all.

3 Hello World one more time!

My third section.

4 Bye World!

One last thing.