

Assignment 1

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Here are the instructions for your first L^AT_EX assignment I don't care much what you say in each of the sections and/or tasks that I have listed below, but don't just type nonsense like atsoehulrorlc.gphbkmwjkbknaecu.p987. Make sure you are typing real words and complete sentences. But they can be whatever you want. So you could write dummy text like this.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec convallis, sem sit amet porta pretium, sem odio euismod nisl, in mattis quam dolor vel tortor. Nam blandit lorem nunc, eget feugiat eros ultricies a. Aliquam quis neque at neque iaculis porta. Nullam ac lorem eros. Pellentesque ultricies molestie vulputate.

This is common dummy text called "Lorem ipsum," which you can get from here:

<http://www.lipsum.com/feed>

So, I don't care what you write (within reason of course...). That is not the point of this exercise. I just want to see that you can do the L^AT_EX. Keep it short so it is easy for me to grade! Email your .tex file AND the .pdf file that it generates to me. Please make this the subject of your email: **MATH 100W Assignment 1**.

All of the things I am asking you to do below are things we covered in the live lecture in the computer lab and they are also in my detailed intro to L^AT_EX document.

Here are the things your paper must have:

- A title, author, and date using the `\title{}`, `\author{}`, `\date{}` and `\maketitle` functions. Make sure the author is your full name so I can give you credit. Make sure the `\title{}`, `\author{}`, and `\date{}` are in the preamble, and the `\maketitle` is in the main document.
- Your paper must have more than two sections. Make sure the sections have titles. You can put one line of text in these sections if you want just to show me you can do it. Or, each section can be filled with the various things I am asking you to do. `\section{section title}`
- Your paper must have more than two subsections. `\subsection{}`
- You might as well throw in a sub-subsection with `\subsubsection{}` also.
- Give me clear examples that show me you can create a new line that is indented, a new line that is not indented, a new line that is indented after a space and a new line that is not indented with a space (you will need the `\noindent` function for the last one).
- Show me that you can break a page with `\pagebreak`.
- Make a bullet point list (or an enumerated list). You will need an environment to do it. Like this:

```
\begin{itemize}
\item Junk
\item Other Junk
\begin{itemize}
\item New stuff
\item Other stuff
\end{itemize}
\item last thing
\end{itemize}
```

But make your own however you like. Also put another level of bullet point by putting an itemize environment inside the first one like I did above. (If you want an enumerated list instead use enumerate instead of itemize in the input to the argument.)

- Write some words that are at least 4 different sizes using the methods in section 3.4 in my intro to latex document (version 1.1 or later) document.
- Write some words that are in all the different script styles that I mentioned in section 3.6. Try combining some together like I did as well, like ***bold slanted text***.
- Finally, write a small section of text that is centered

like this little
bit of text here!

Also make

a small section
of text that is
right justified or
flushright.

You will have to see the .tex file to this file or the .tex file from my detailed intro to figure out how to do that!

If you have any questions or difficulties login to piazza and ask a question!

<https://piazza.com/class/hq71jp30re064o?cid=1>