how to get A in thisn class

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How to complete this assignment

☐ On a debian 10 droplet:

```
apt update
apt install git
apt install texlive-full
```

☐ If the droplet is new, you'll need to configure git again.

☐ Fork the repo

☐ Clone your fork to your machine (use https or ssh, whichever one you like better)

☐ if the droplet is new and you want to use ssh, you'll need to generate a new key pair

☐ In the repo, create a directory called YourName

☐ Copy the MyReport.tex file into your directory.

☐ Use vim to fill out the "to do"s in the "What I Know" section.

☐ Change "Author" to your name.

☐ Compile using

```
pdflatex MyReport.tex
```

☐ If all goes well, you will see a "MyReport.pdf" in the directory!

☐ git add MyReport.tex

☐ DO NOT git add -A or git add MyReport.pdf!

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☐ I don't want your pdf going onto github, only your .tex file

☐ Make a pull request

☐ Use sftp to get your pdf to your home computer

☐ Submit the pdf on blackboard

☐ 50 pts for successful PR

☐ 50 pts for PDF

What I Know

Below is a list of a few commands I know, along with brief descriptions of what they do.

cp *copy*

cp -r *copy multiple*

mv *rename*

rm *delete*

rm -r *delete multiple*

ls -a *list hidden file/dir*

ls -al *list hidden file and decription*

ls -l *list hidden description*

ssh *secure shell*

ssh-keygen *gerate keygen*

cd *change dir*

cd ../ *back one dir*

cd ~ *to do*

echo *create file and modifier*

cat *display content*

adduser *add account user*

deluser *delete account*

chmod *change mode rwx*

chown *change pwner*

Conclusion

Now you know a tiny bit about using LaTeX to prepare documents! One thing cool about LaTeX is that you make beautiful math equations

$$\int_0^\pi x^2\,dx \tag{1}$$

and there are ways to put images in your documents, and code snippets, and you can produce really beautifully formatted PDFs. The lecture notes for this class were all made on an Ubuntu laptop, with vim, in the terminal. And I daresay they are way more beautiful that what could have been easily made with Microsoft Word.