

Report On Challenges Faced While Using Latex

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1. The first issue was adjusting to the latex package which was a field I was not familiar with previously and in order to solve this I had to go through the Latex documentation to get some familiar with the package (“\chapter” for chapters, “\section” for Major heading, “\subsection” for sub headings and “\paragraph” for paragraphs) to mention a few.
2. The second challenge I had was with centering of the images and tables, so I got a solution online of someone who had the exact same problem and got an answer. What I previously did was to simply insert the figure using the “\includegraphics” option, but the challenge was to make sure the figures are on a single page (not attached to previous texts) and at the same time centered. I used the “\newpage” option before the insert and the “\clearpage” option after the insert. Then for centering I used the “\centering” option after the “\begin{figure}” feature. This added to my knowledge on Latex.
3. I had an issue of adding my bibliography to the table of contents listing and I got help from a friend (Isaac Temitayo) who also previously encountered the same thing. “Tocbibind” package was used to solve this. It automatically adds the Bibliography to the table of contents listing. So I installed the package in my file.
4. The last challenge I had was after I had finished my latex report and ended up misclicking an option that stopped my pdf output from displaying, struggled with this for a while. Found the solution online. Clicked on options, then selected Configure TeXstudio, then select commands and edited the pdfLaTeX text to “pdflatex.exe – synctex=1”. Which was the same thing in my colleagues pdfLaTeX text. Then I went back to the home screen and clicked on ‘Build and View’ double Arrow and saw that I could see the External Viewer and it worked.

Links:

- 1) <https://www.latex-project.org/help/documentation/#general-documentation>
- 2) <https://tex.stackexchange.com/questions/53862/how-do-i-align-an-image-to-center>
- 4) <https://tex.stackexchange.com/questions/272151/texstudio-change-external-pdf-viewer-command-to-open-pdf-from-sub-directory>

