**Lab turn-in instructions**

You must zip your entire lab implementation folder and upload it to Canvas. Please include all the hardware/software/assembly code in the zipped folder.

Lab assignment report - 80 points

Video explanation - 20 points

Please use the screen recording while explaining your code. Before submitting the video for grading, make sure it has been recorded properly. Also, see the following points you should consider addressing while making a video.

1. Explain what you are doing in the lab (problem statement)

2. Explain the hardware and software code

3. Explain the modifications you have done to the code

4. What have you done to complete the lab assignment?

5. Finally, show your lab implementation working on the board.

If you have any questions, please let me know.