For part A:

1. Access the file partA_final.ipynb
2. The dataset download links are present in the code itself.
3. Run the code.
4. If using wandb, login into your account or provide the access code generated while running the code cell.
5. Also uncomment the wandb codes if using wandb.
6. Q-1 and Q-5(back propagation) have been provided separate .ipynb files named as partA=q_1.ipynb and part_A_back_prop.ipynb respectively. Of these, partA=q_1.ipynb can be directly run by downloading the code. But part_A_back_prop.ipynb is just for reference to narrate the code separately i.e. it can't be run as it is by just downloading.
7. For coding the file part_A_back_prop.ipynb, i.e. back propagation reference has been taken from the internet and professor's lectures..
8. partA_final.ipynb contains the whole code.

For part B:

1. Access the file part_B_final.ipynb.
2. The dataset download links are present in the code itself.
3. Run the code.
4. If using wandb, login into your account or provide the access code generated while running the code cell.
5. Also uncomment the wandb codes if using wandb.
6. The file part_b_q_1.ipynb separately answers question 1 through codes and can be downloaded and run directly for question 1.
7. The file part_b_q_3.ipynb answers question 3. The file just contains sweep parameters and cannot be run by just downloading the file.
8. part_B_final.ipynb contains the whole code which can be run directly by downloading the file and running it.
9. Also , some reference has been taken from the internet and professor's lectures to write the code and understand the same.