

The program can be run using the command "python3 ca2_hw_aditi.py"
In the main function there is a variable "Q" whose values can be altered to run the implementation of different questions. The valid values of "Q" are "1", "2", "3", "4", "5", "6", "run_plots".

Values of "Q" which are "1", "2", "3", "4", "5", "6" run Question 1, Question 2, Question 3, Question 4, Question 5, Question 6 respectively.
The "run_plots" value of "Q", runs the implementation of Question 3, Question 4, Question 5, Question 6 at once. By default the value of Q is "run_plots".