Problem 3: (Observations)

a. We can use time function (by using c library #include<time.h>) for calculating the required time to process all the concurrent clients. Firstly, we will initialize a variable such that, it will calculate the current time and then in last we will again declare a new variable and then again, we will calculate the current time, and finally we subtract both the times, and that time will be the required time for the server to process all the concurrent client.

b. The htop command in Linux system is a command line utility for viewing processes. It allows the user to interactively monitor the system's vital resources or server's processes in real time.

c. We can check Server process's memory utilization by using the top command. The top command in Linux system is used to show running processes. It shows the overall information of the system and the list of processes or which are currently managed by the Kernel.

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