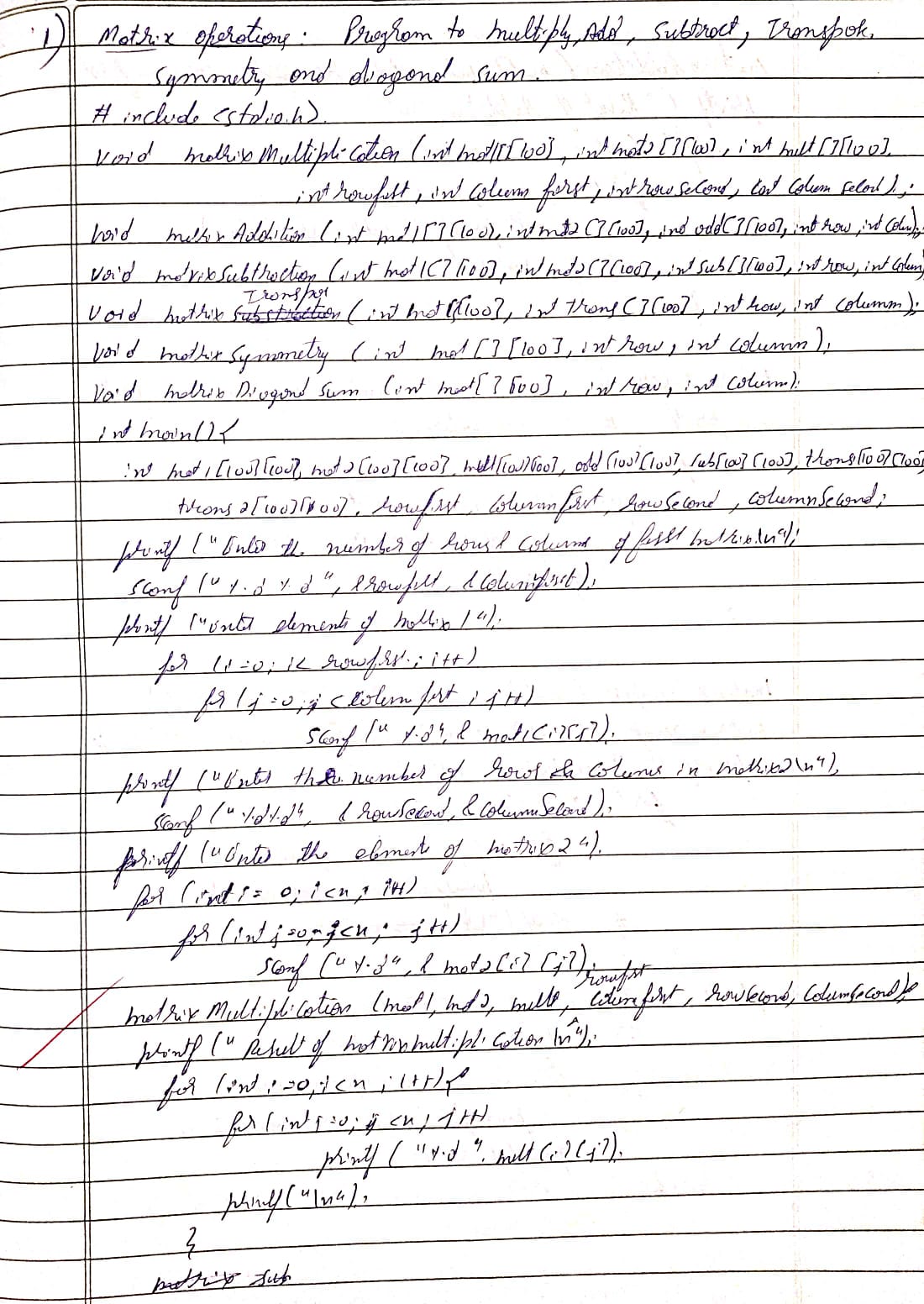
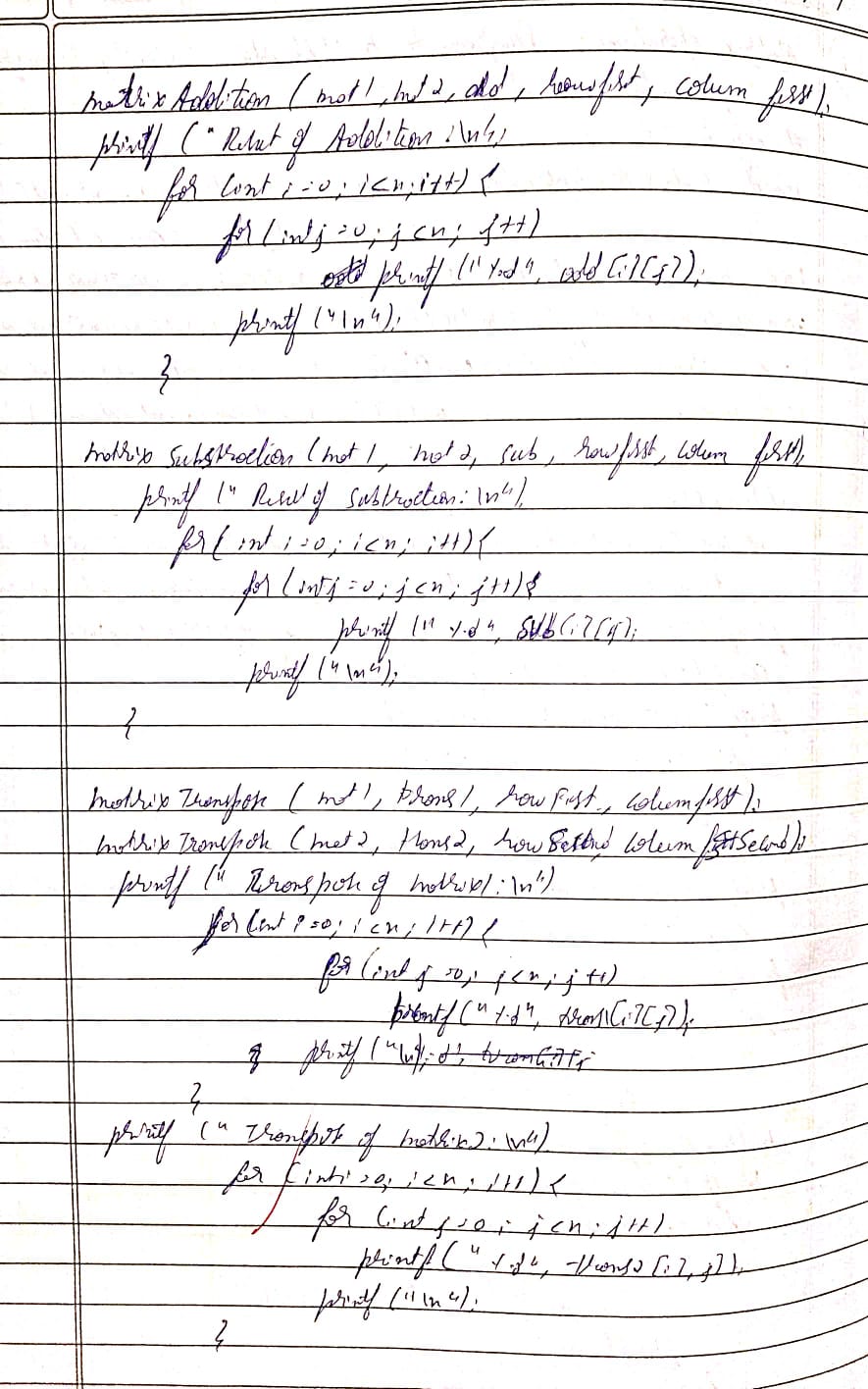
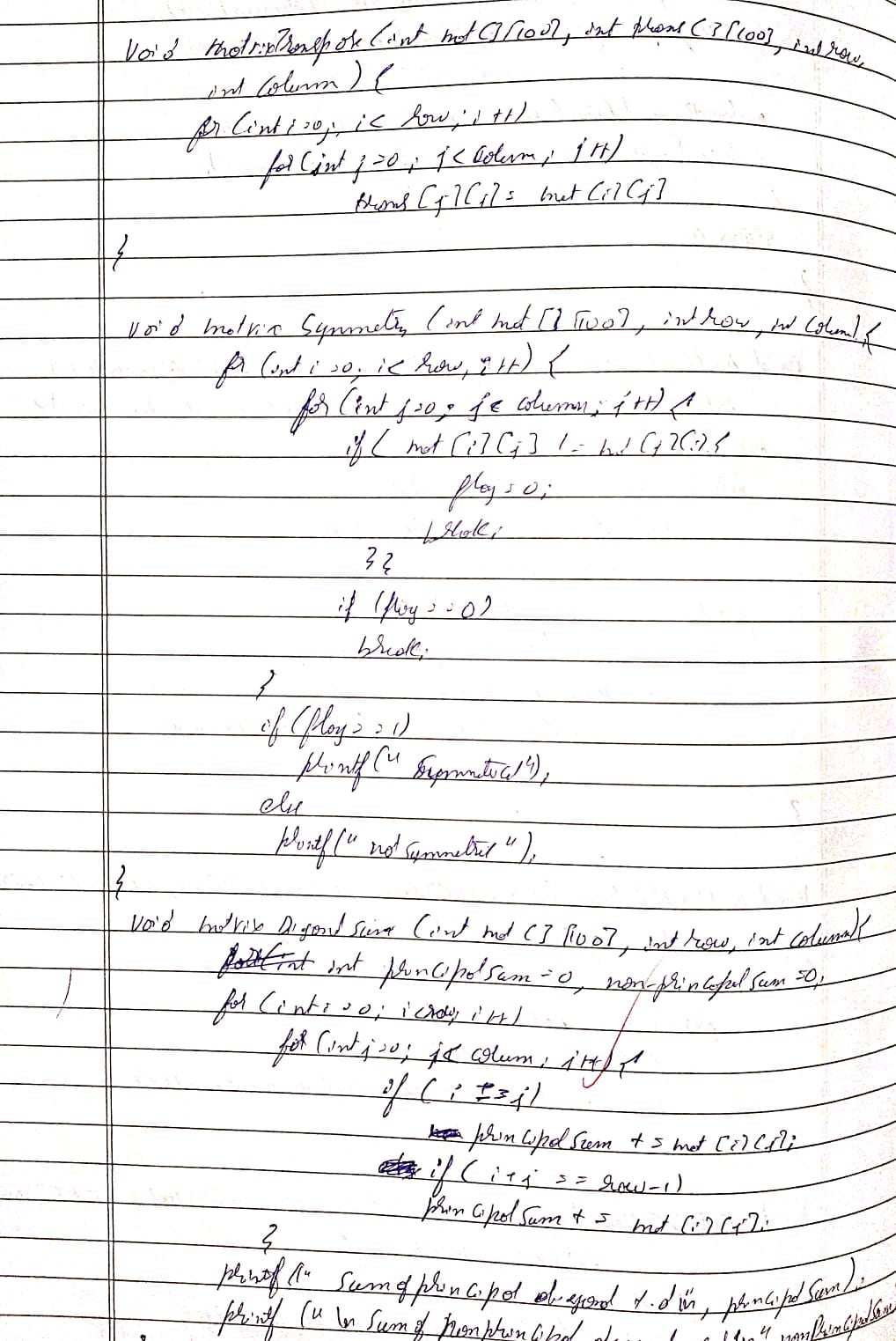
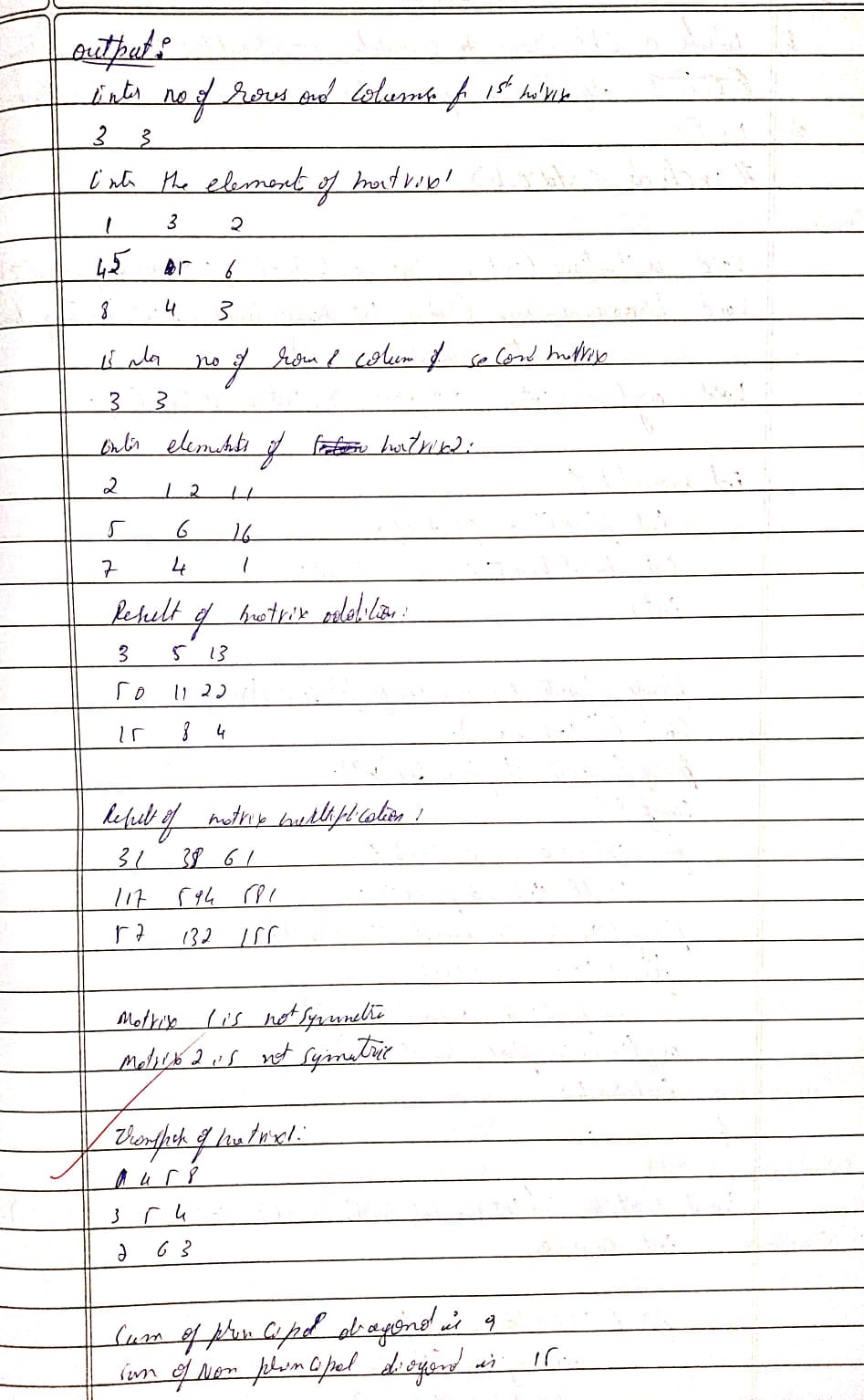
OS Lab

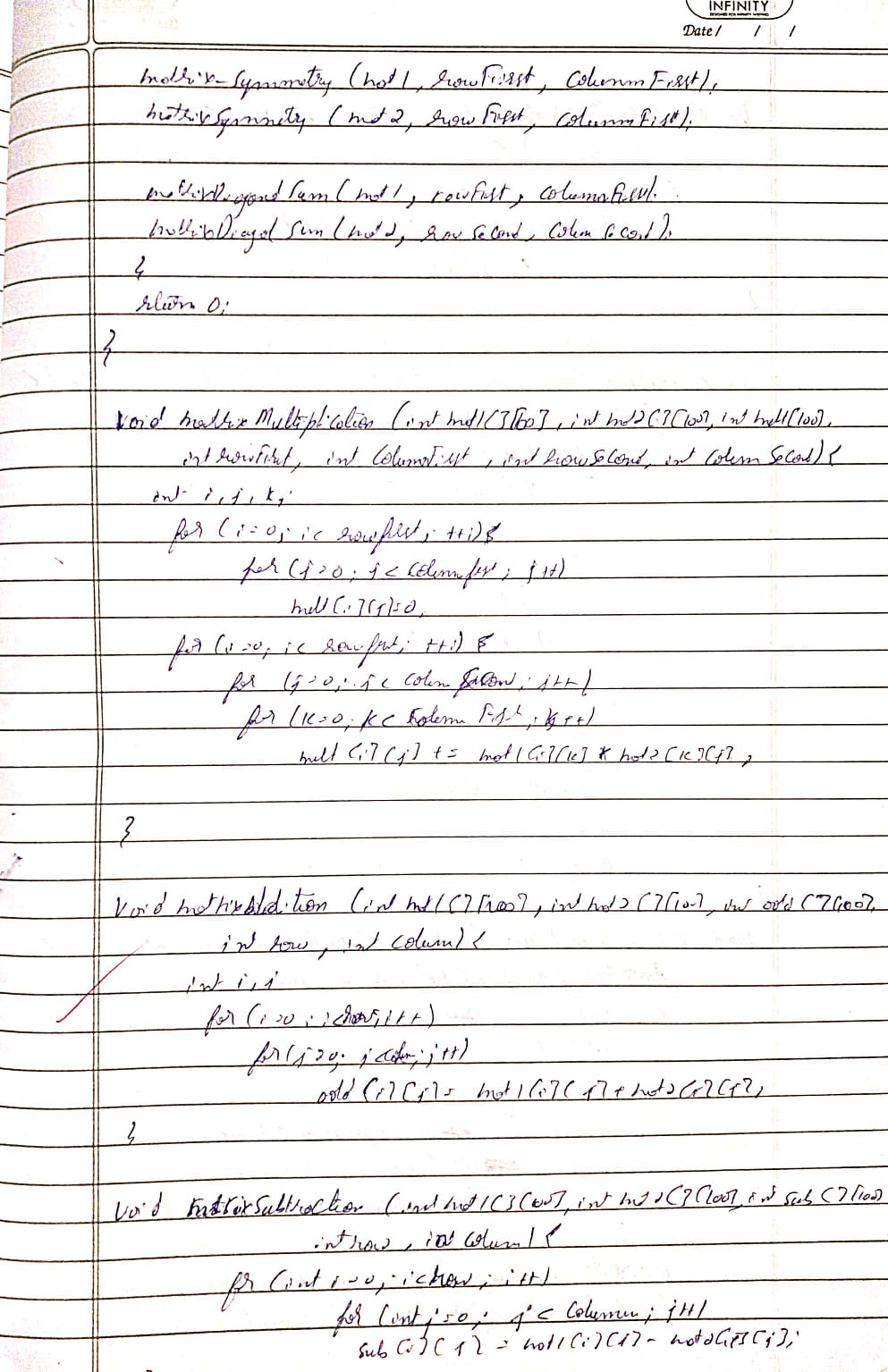
1.Matrix Operations:



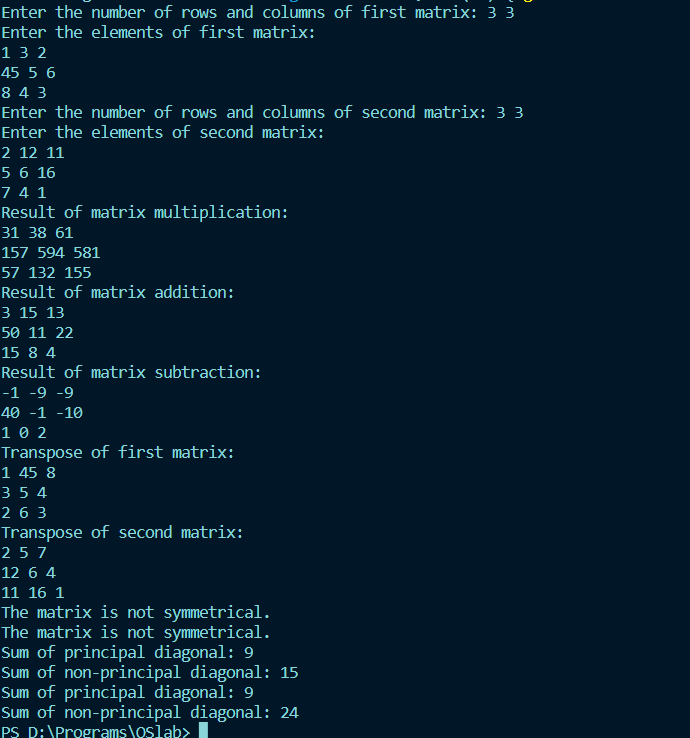




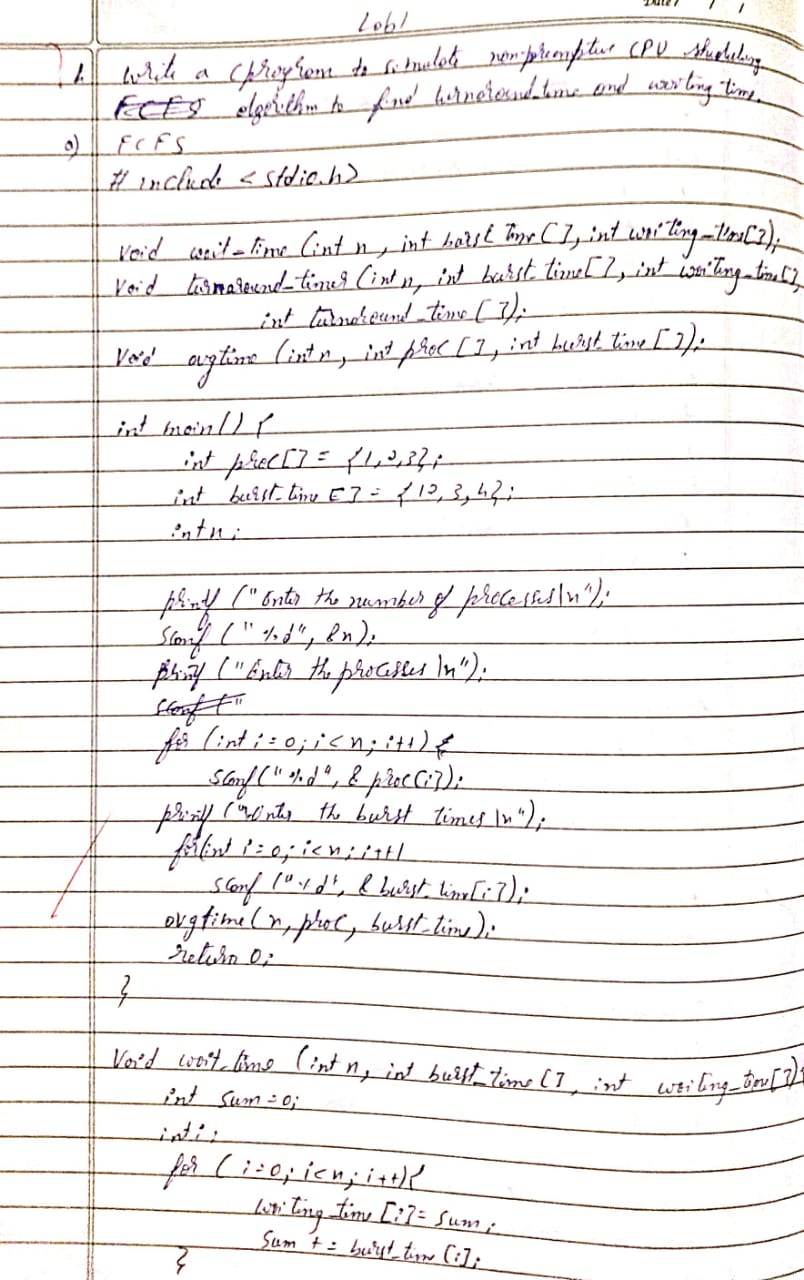


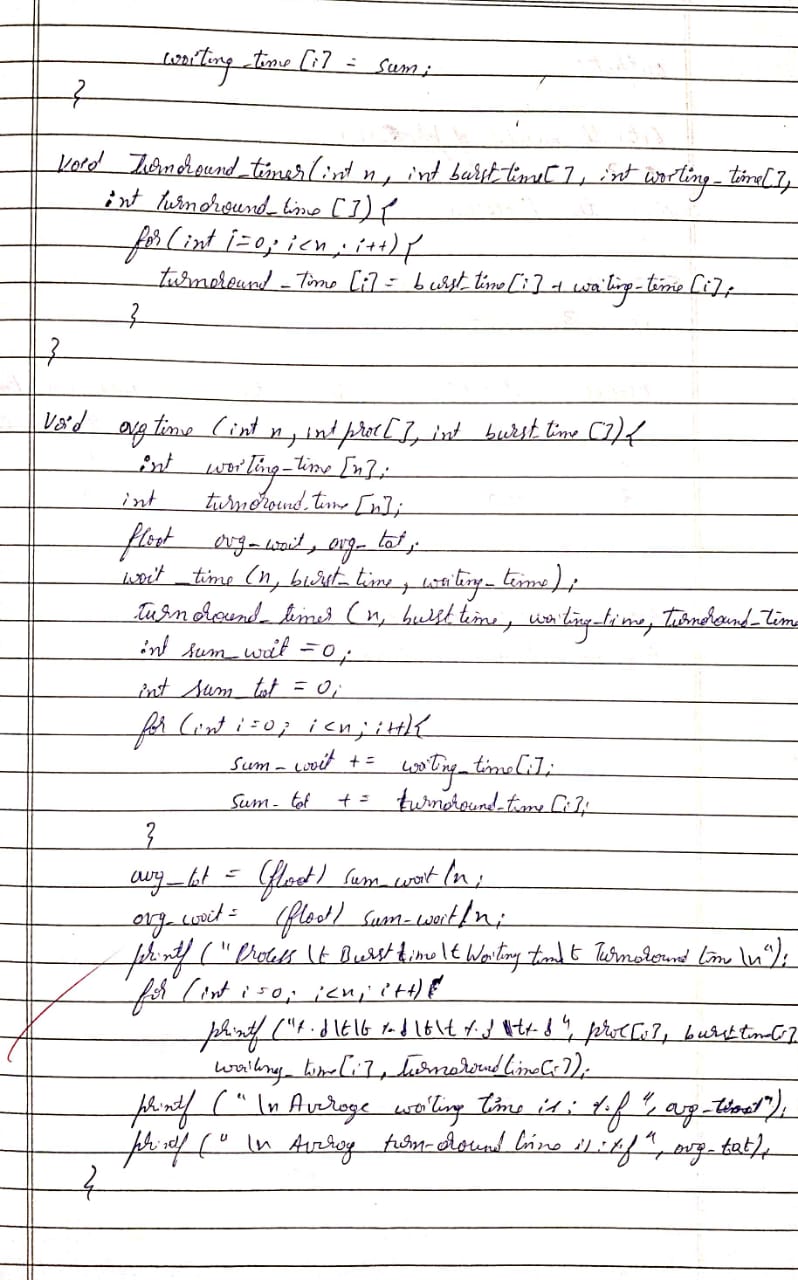


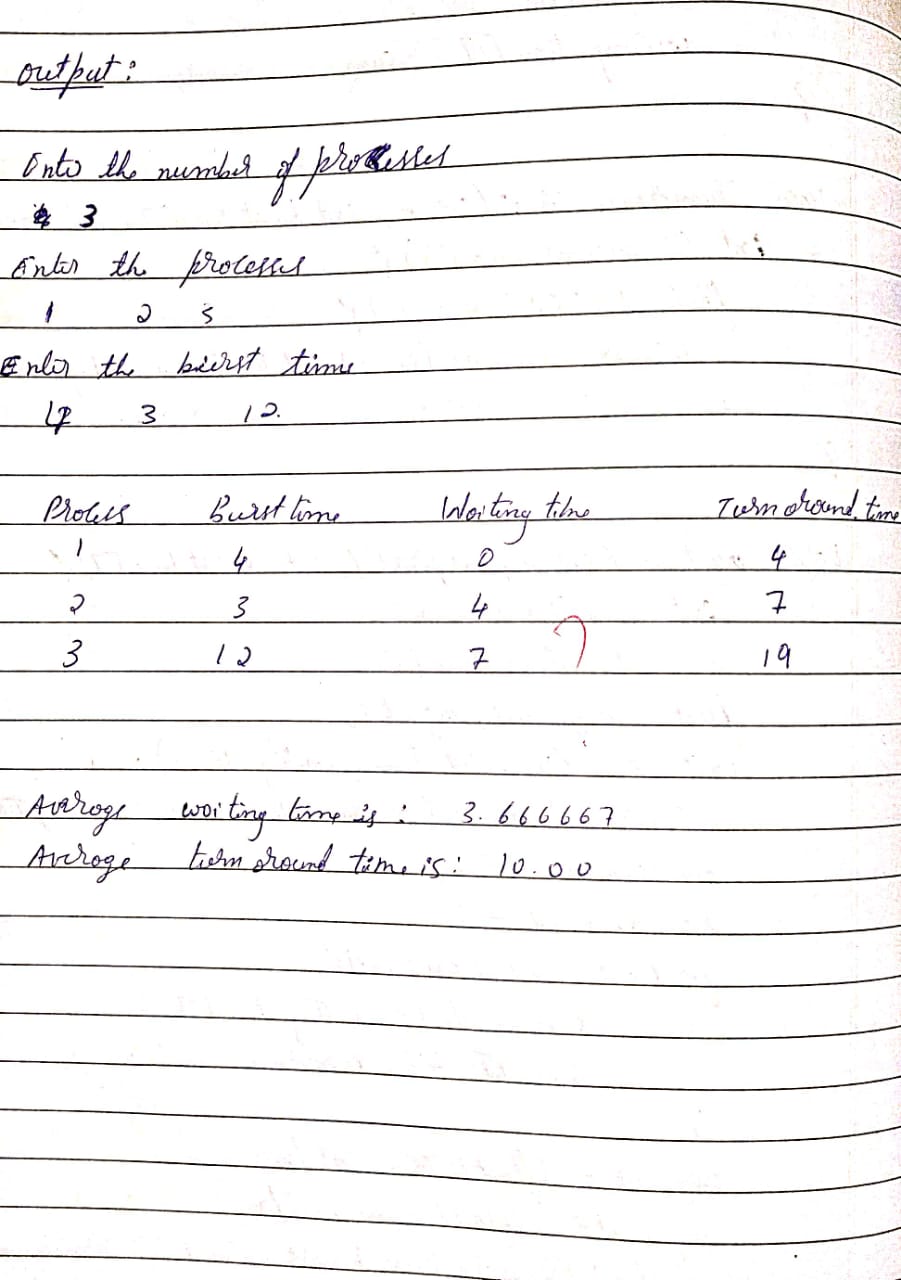
Output:

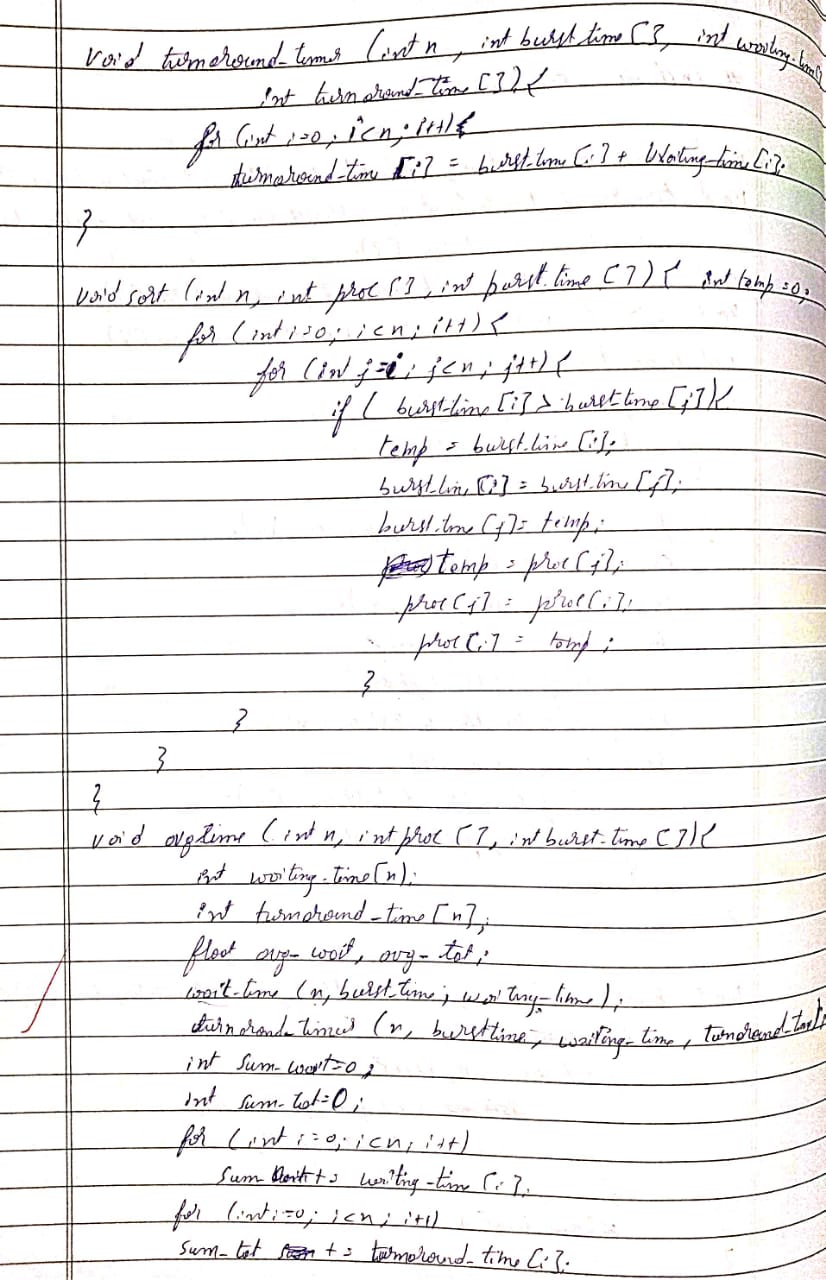


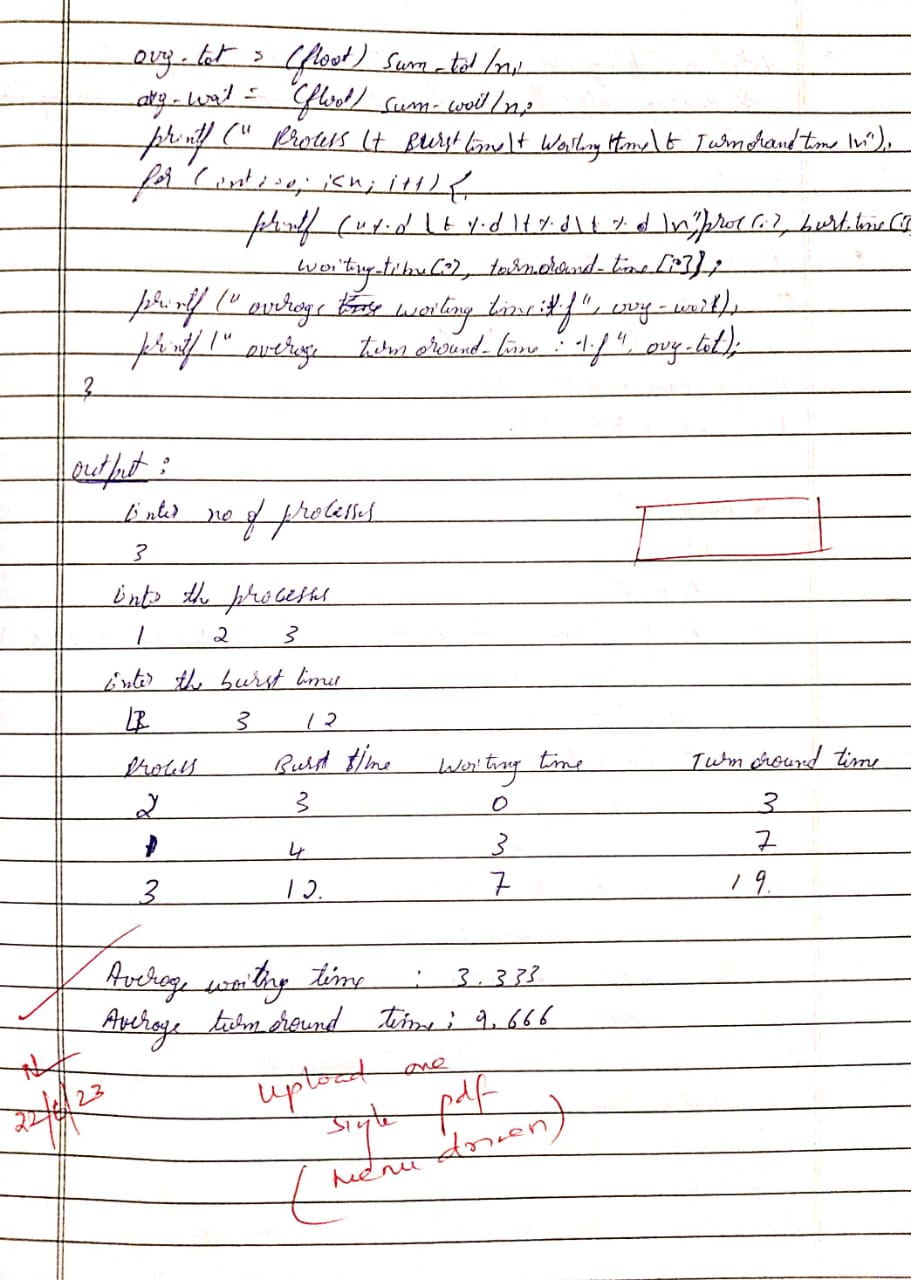
2. Write a C program to simulate the following non-pre-emptive CPU scheduling algorithm to find turnaround time and waiting time. i. FCFS ii. SJF (pre-emptive & non-pre-emptive)



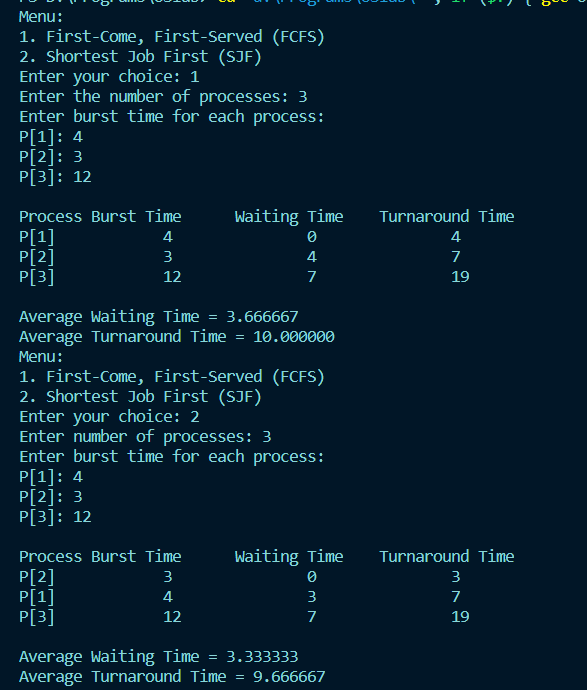




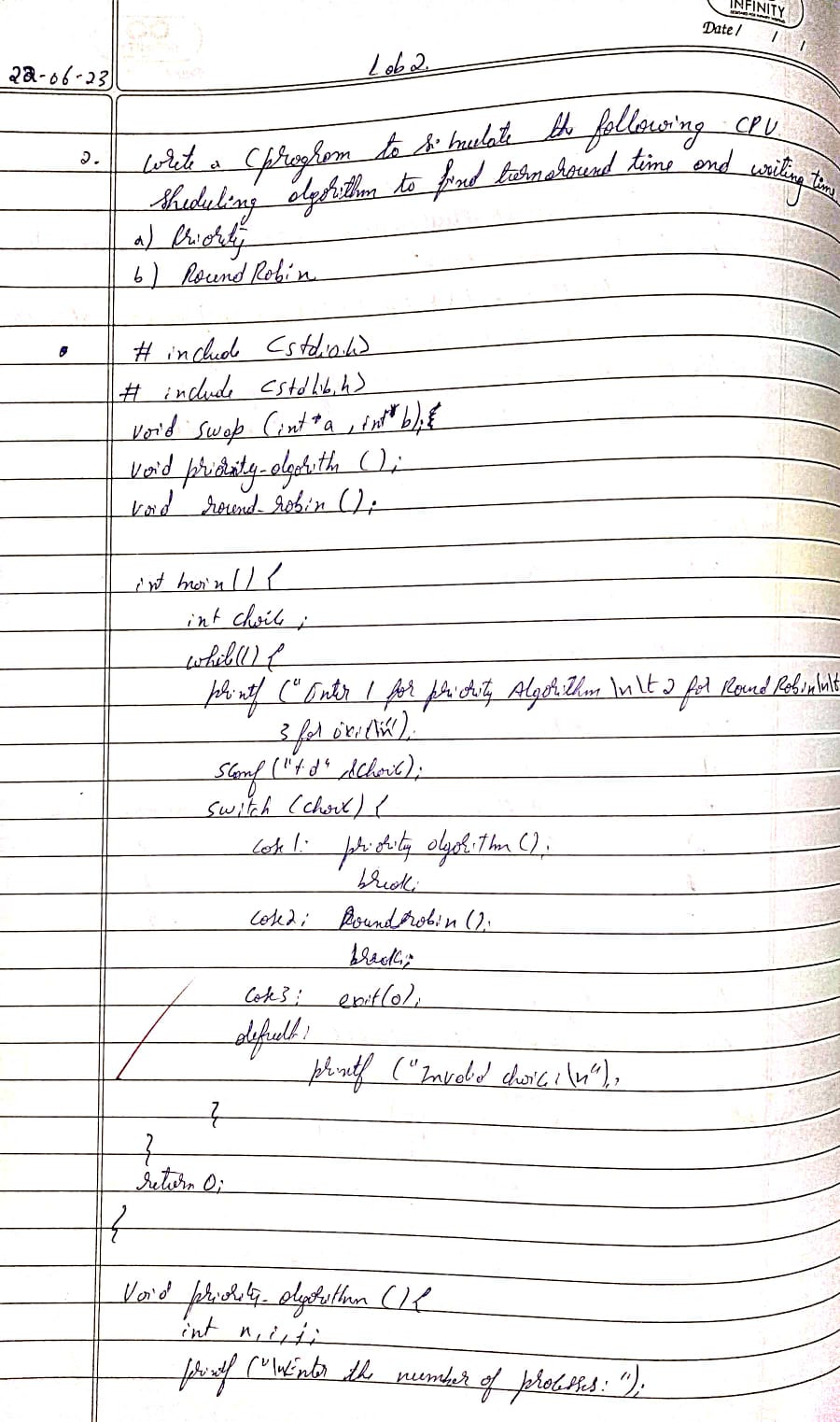


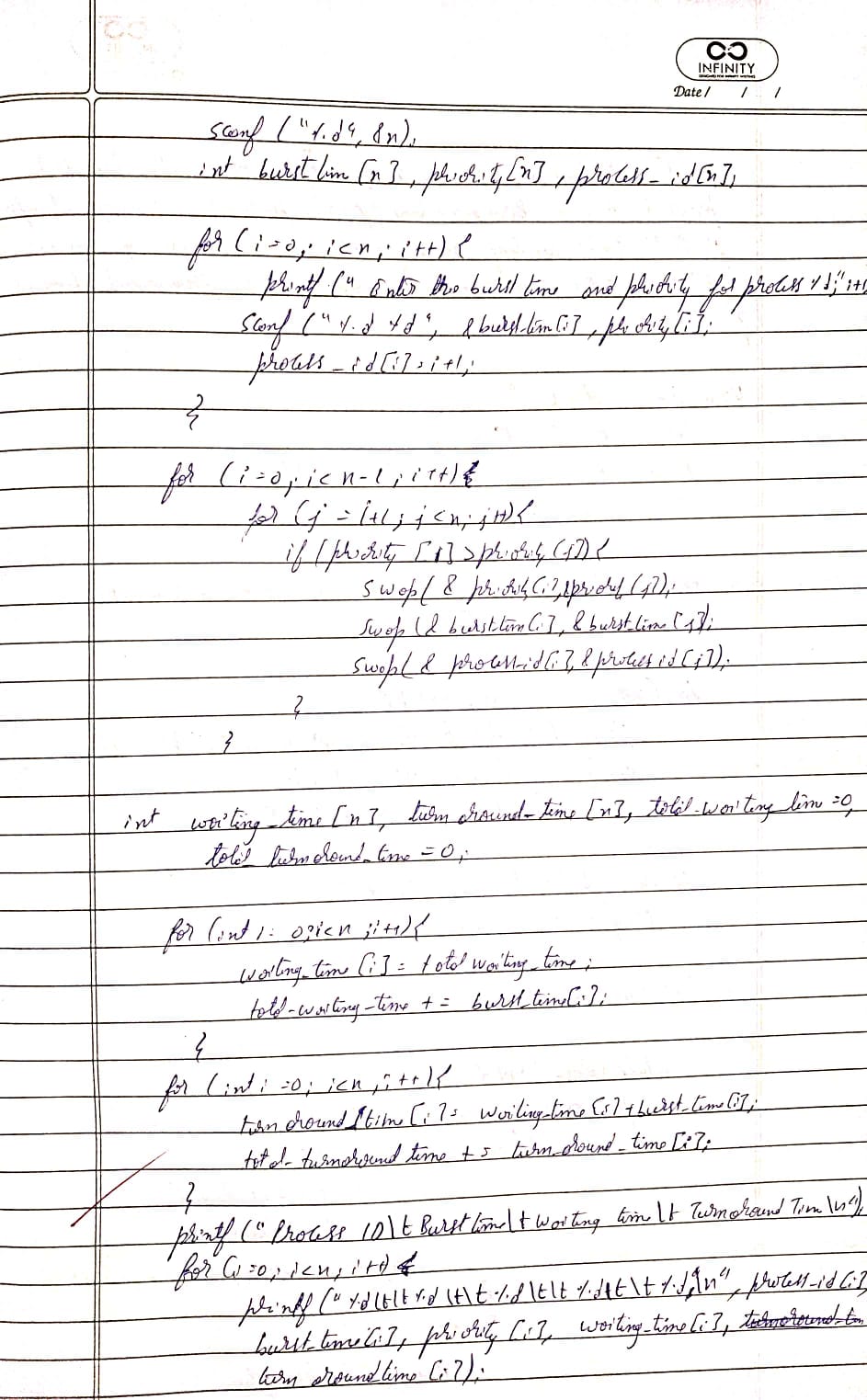


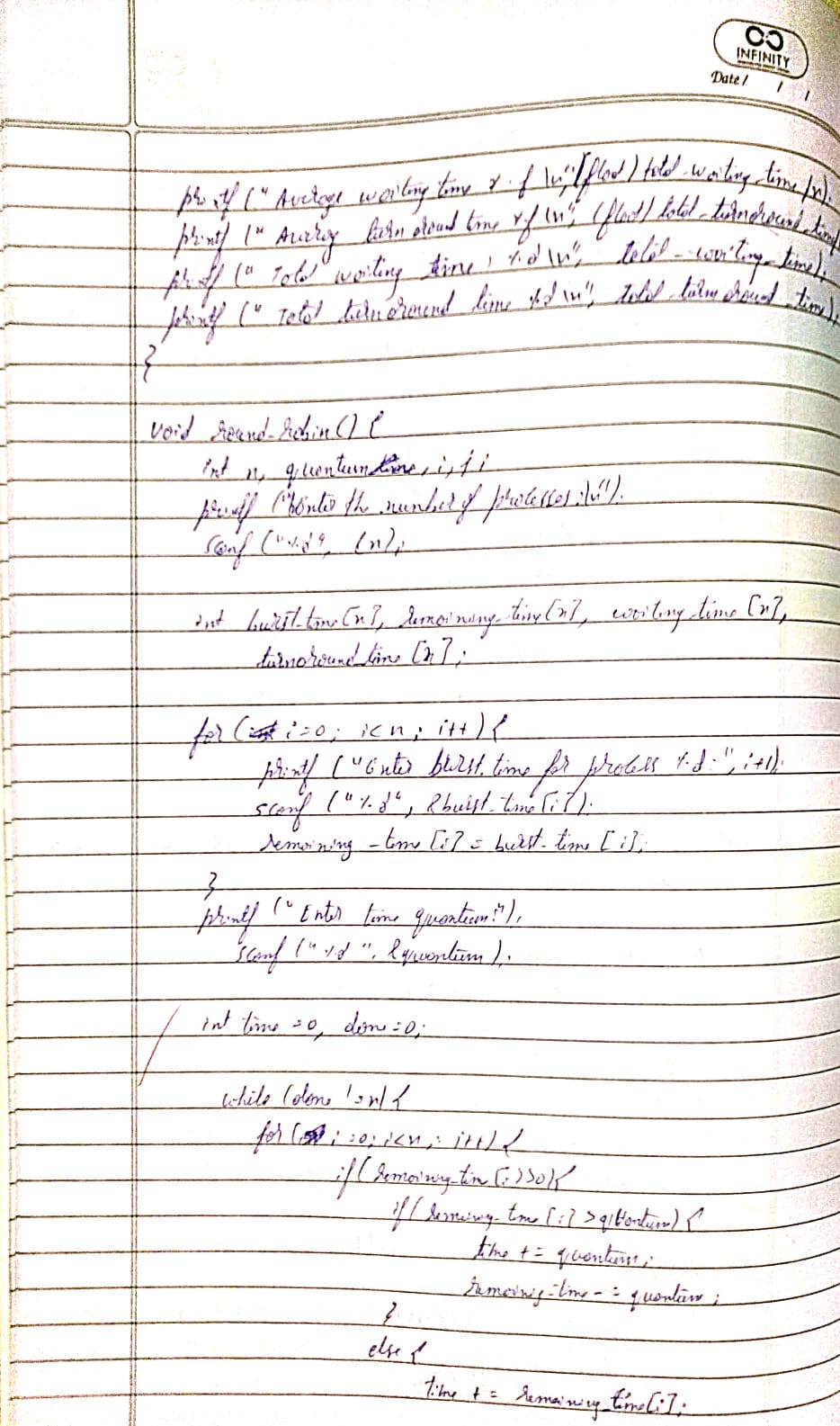
Output:

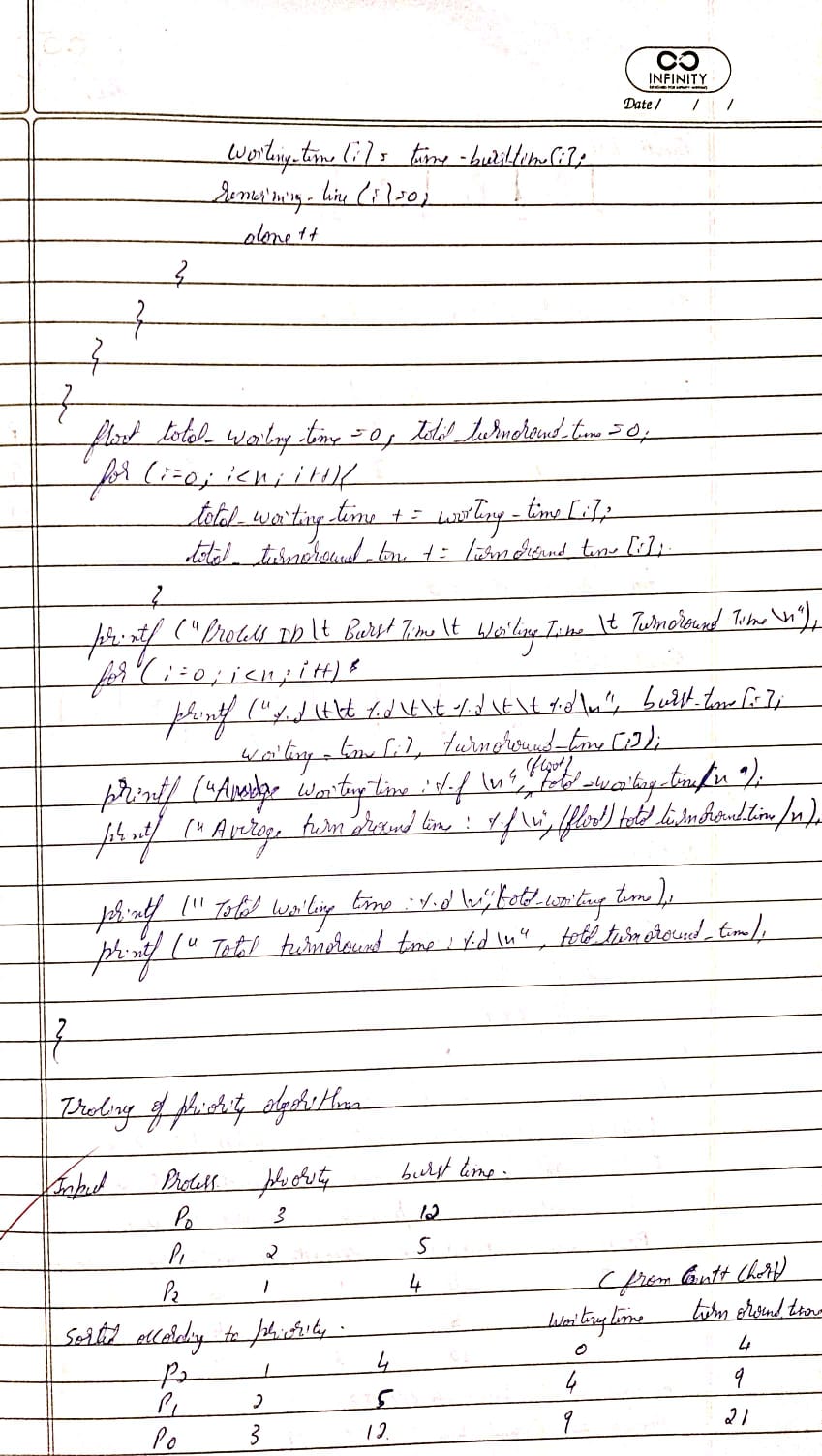


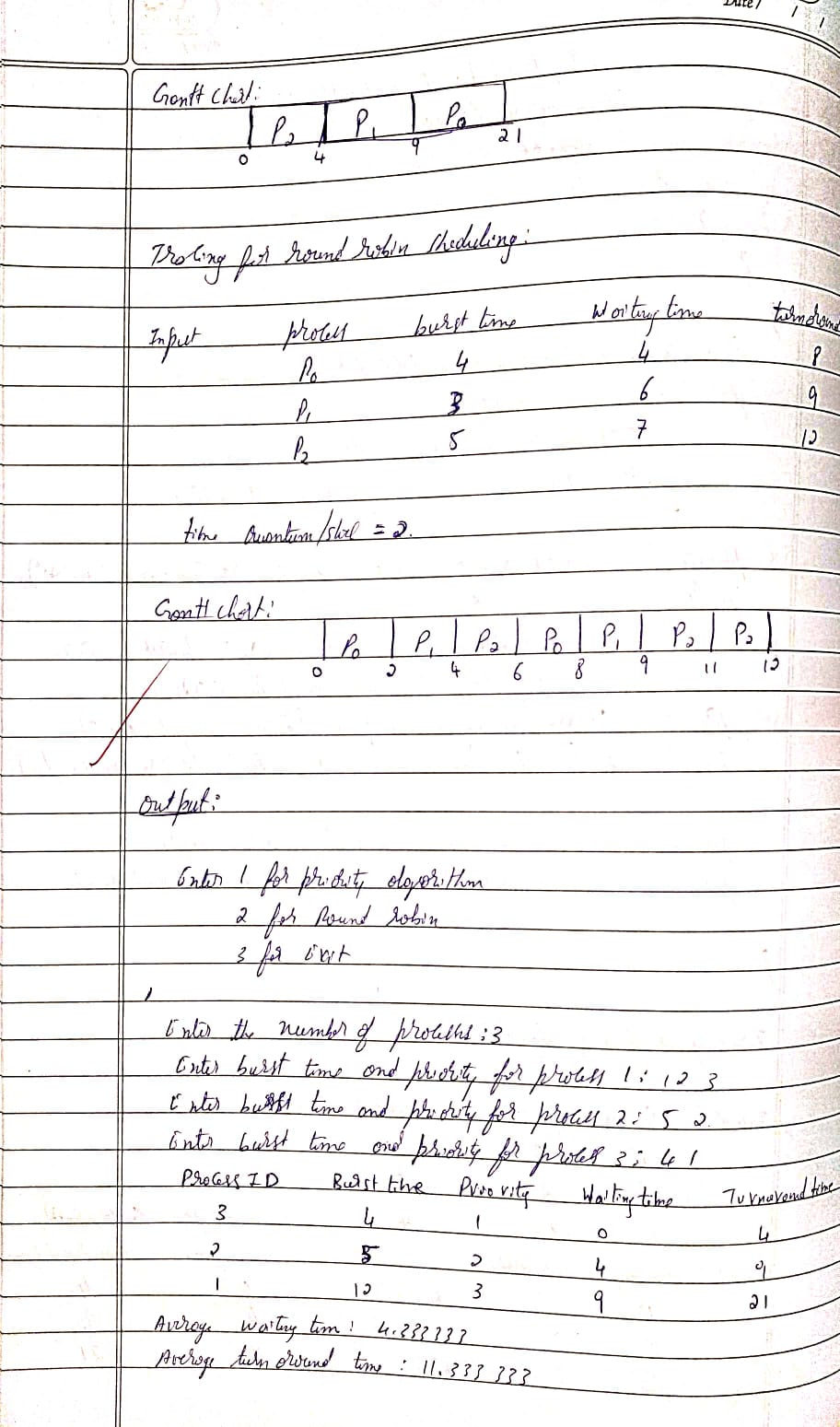
3. Write a C program to simulate the following CPU scheduling algorithm to find turnaround time and waiting time. A) Priority (pre-emptive & non-pre-emptive) B) Round Robin (Experiment with different quantum sizes for RR algorithm)

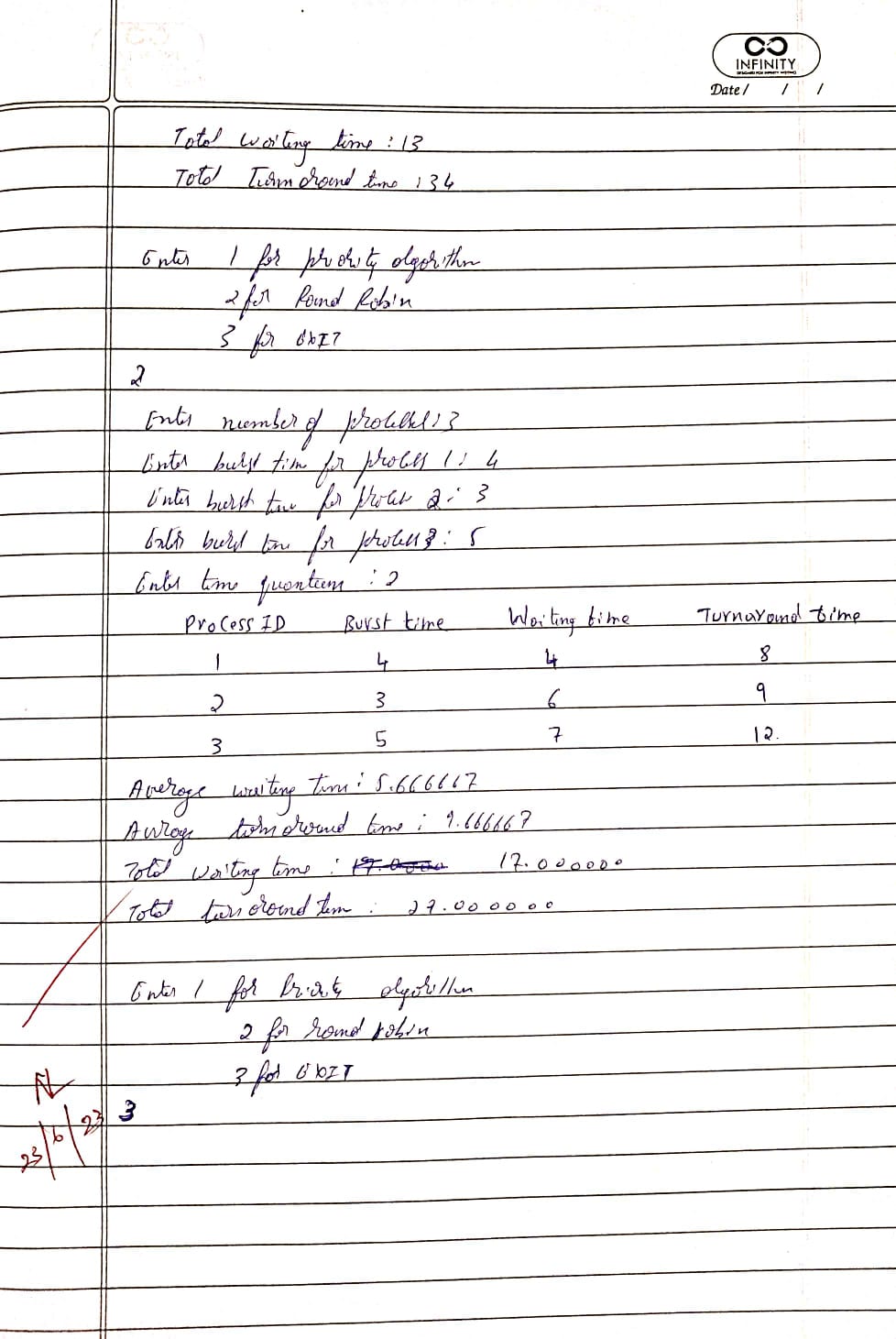












Output:

