

Show all work clearly and in order, and circle your final answers. Justify your answers.

PROBLEM ONE Consider the following Page Map Table.

PAGE	FRAME
0	3
1	6
2	4
3	10

If the frame length for this particular computer is 128, find the physical address corresponding to the logical address $\langle 3, 98 \rangle$

PROBLEM Suppose you have 3 programs running with run times 90 units, 110 units, and 200 units. Find the average turnaround time with a Shortest job next schedule and with a round-robin schedule where the fixed time slice is 50 units.