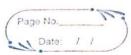
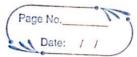


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	Assignment 6
0	Title: To read & display contents pointed by GDTR, LDTR & IDTR.
•	Problem Statement:
	Write an ALP to read & display the table content pointed out by GDTR, LDTR & IDTR
•	Objective: To understand how to read & display contents of COTP 12-TR & T
	GOTE LUIK 4 JOTR
	Outcome: I will study different descriptor table in
-9-	system along with different registers associated with it.
	Software Package & Hardware Apparatus:
	2) Linux 32/64 bit os 3) gedit
	4) NASM, GDB



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The section of the se	Theory:
	i) GDTR 4 IDTR: a) Hold 32 bit linear base address b) 16 bit limit for GDT IDT
	c) The segments are global to all system tasks.
	2) LDTR & TR a) Hold 16 bit selector for LDT descriptor & TSS
	b) LDT 4 TSS segments are defined by Selector values stored in the System segment registors.
•	Algorithm:
	2) Store values of GDTR, LDTR, IDTR & TR in separate memory locations. 3) Display contents stored in memory
	locations. 4) Stop



	Date: / /
o	Test Cases:
	Input Expected Output Actual output
1)	GDTR: 1F39000:007F GDTR: 1F39000:007F
	IDTR: FF56 BOOO: OFFF IDTR: FF56B000: OFFF
-3	LDTR: 0000 LDTR: 0000 Yes MSW: 8005FFFF MSW: 8005FFFF
	TR: 0040 TR:0040
ď	Conclusion:
	We have studied different descriptor
	tables in system & also different registers associated with it.
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