output :

abhishekg@DELLnasm -f elf64 count_mode.asm-o count_mode.o

ld count_mode.o -o count_mode

./count_mode

Processor is in Protected Mode

GDT Contents are::00:00010000:00FFFFFF

LDT Contents are::0000

IDT Contents are::00:FFFFFFFFFF0000

Task Register Contents are::0000

Machine Status Word::80010000

abhishekg@DELL-C-2343:- $