

Short Quiz - 3
EE-390
Set B

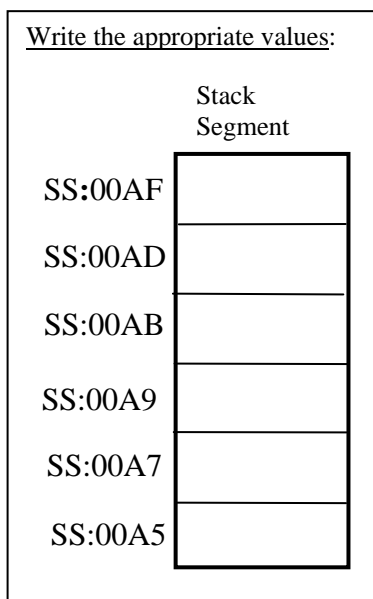
Name: _____

ID No: _____

Execute the following program and find the contents of the required registers and the memory contents of the stack segment

```
Title "Quiz "  
.MODEL small  
.STACK 32  
.DATA  
.CODE  
    MOV AX,@DATA  
    MOV DS,AX  
  
    MOV SP,00ADH  
    MOV CL,04H  
    MOV AX,D720H  
    SAHF  
    CMC  
    LAHF  
    PUSH AX  
    CALL SUB1  
CS:1112H : POP DX  
CS:1114H : MOV AX,4C00H  
    INT 21H  
    SUB1 PROC NEAR  
        MOV BX,SP  
        CMP BX,00ABH  
        JZ 1114H  
        RET  
    ENDP  
  
END
```

Hint:



After the program execution find:

BX = _____ ;

DX = _____ ;