Short Quiz - 3
EE-390
Set C

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
              VAR1  DB  02h, 03h, 04h, 05h, 01h
              VAR2  DB  04h, 05h, 06h, ,07h, 02h
     .CODE
              MOV     AX,@DATA
              MOV     DS,AX
              MOV     SP, 00ABH
              LEA      BX, VAR1
              MOV     AL, 03H
              XLAT
              MOV AH,AL
              SAHF
              PUSH    AX
              CALL    SUB1
CS:1111H : POP       DX
CS:1113H : MOV     AX,4C00H
              INT      21H
                 SUB1   PROC NEAR
                        MOV  BX,SP
                        CMP   BX, 00A9H
                        JZ    1113H
                        RET
                   ENDP
     END
```

Hint:

	7							0
AH	SF	ZF	0	AF	0	PF	1	CF

Write the appropriate values:

	Stack Segment
SS:00AF	
SS:00AD	
SS:00AB	
SS:00A9	
SS:00A7	
SS:00A5	

After the program execution find:

BX = _____ ;

DX = _____ ;