

Find the value of CX after execution of following instructions [Write only the value in the answer box]

MOV DX, 1A43H

MOV CX, 7722H

XCHG CL, DH

771AH

Find the content of 'AX' register after execution of following instruction.

MOV AX, 1050H

DEC AL

- 104FH
- 1049H
- 49H
- 1051H

Suppose, set address to write machine code is 0000H: 1000H. Find the content of IP register after loading/writing the following machine codes.

B8 805E

BA 0540

- 1000H
- 1005H
- 0540H
- 805EH

Question List

Find the content of AX after execution of following instructions:

```
MOV BX, F230H
MOV DX, F009H
MOV AL, BH
MOV AH, DH
```

- ☐ F009H
- ☐ F2F0H
- ☐ F230H
- ☒ F0F2H

Question List Question 14 of 15 Total Points: 13 out of 15

Suppose, FEH is a 8-bit sign number. Find the decimal equivalent of this number.

- ☐ 254
- ☒ -2
- ☐ -1
- ☐ -126

Question List Question 13 of 15 Total Points: 12 out of 15

Suppose, FEH is a 8-bit unsigned number. Find the decimal equivalent of this number.

- ☐ 128
- ☐ 127
- ☐ -2
- ☒ 254

Match the following keys with their functions:

RES

Display the register contents

:

Offset Set

DA

Update segment & offset and input data to memory

AD

set memory address

MON

Non maskable interrupt