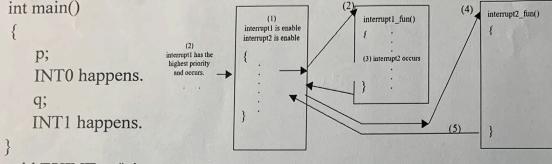
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1. (20%) Please answer the execution process based on IP register.

IP.7	IP.6	IP.5	IP.4	IP.3	IP.2	IP.1	IP.0
0	0	0	0	0	0	0 13	0



void EXINT_x() interrupt 0

```
x;

INT1 happens.

y; P \rightarrow \chi \rightarrow y \rightarrow q
```

void EXINT_y() interrupt 2

z; w; -14

2. (20%) If we have LCD_CMD(char cmd) and LCD_DATA(char data) functions for LCDs, please use them to implement the following function DISP_Int(char addr, int v) to show a 4-digit integer number (i.e., v) in the LCD, where addr is a command to specify the display address. Note that the ASCII code of '0' is 0x30. DISP_Int(char addr, int v)

```
int;
for (i=0; i24; i++) {

LCD_CMD (addr++++);

LCD_DATA (v%10+0x30);

V/=10;
```

+