PRACTICAL – 35

AIM:

Write a 20 ms time delay subroutine using register pair BC. At the end of subroutine, clear the flag Z without affecting other flags and return to main program.

CODE:

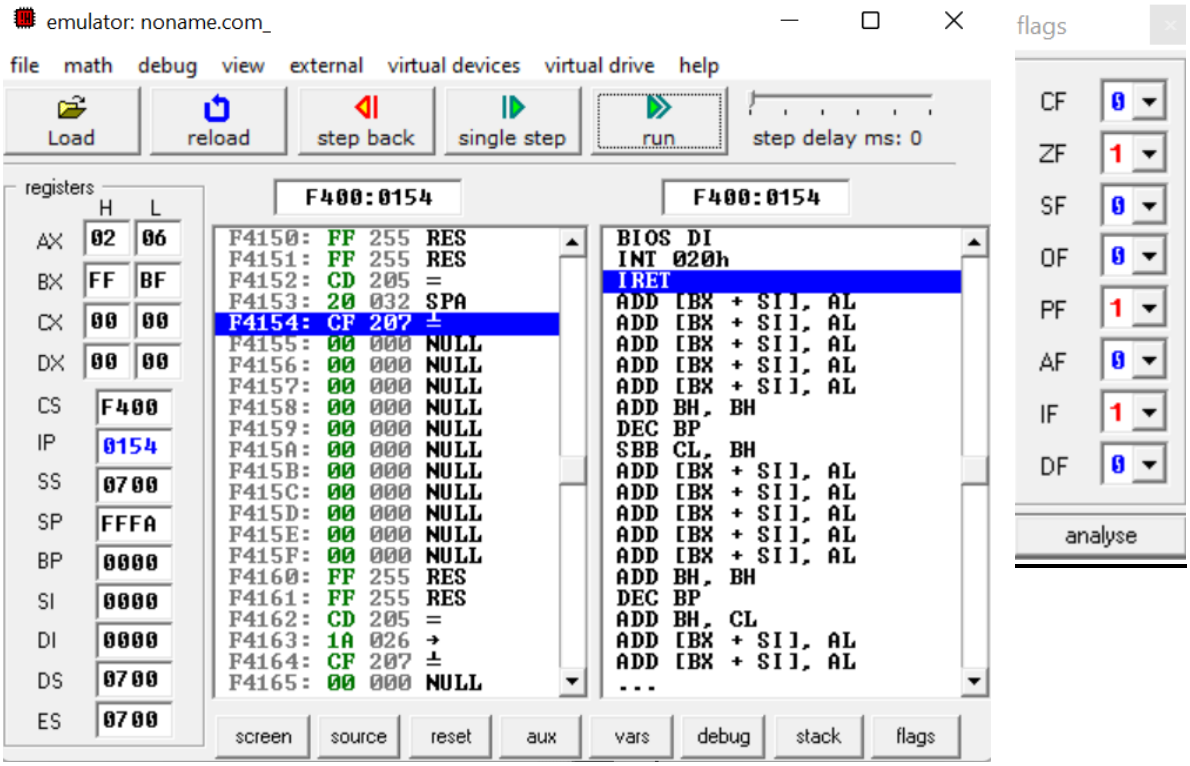
```
org 100h

MOV CX, 0002H
L1:
DEC CX
JNZ L1
MOV BX, 0FFBFH

PUSHF
POP AX
AND AX, BX
PUSH AX
POPF

ret
```

OUTPUT:



CONCLUSION: In this practical, we learnt how to change the value of Zero Flag (using AND) without affecting other flags.