PRACTICAL – 37

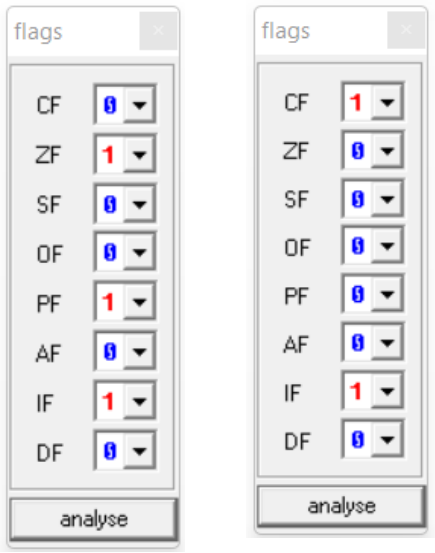
AIM:

Write a program which set and resets zero flag at next iteration. (Take number of iteration equal to 5)

CODE:

```
org 100h

mov al,05h
mov bl,01h

i0:
mov cl,al
shr cl,1
jnc i2
jc i1

i1:
cmp bl,01h
jmp i3

i2:
cmp bl,00h
jmp i3

i3:
dec al
jnz i0

ret
```

OUTPUT:



CONCLUSION: In this practical, we learnt how to set and reset zero flag at the next iteration.