

PRACTICAL – 4

AIM:

Convert the below given C Program into Assembly Language.

```
main()
{
  Int l, n, o, p;
  l = m + n + o + p;
}
```

CODE:

ORG 100H

MOV BL,05H

MOV CL,04H

MOV DL,02H

MOV AH,05H

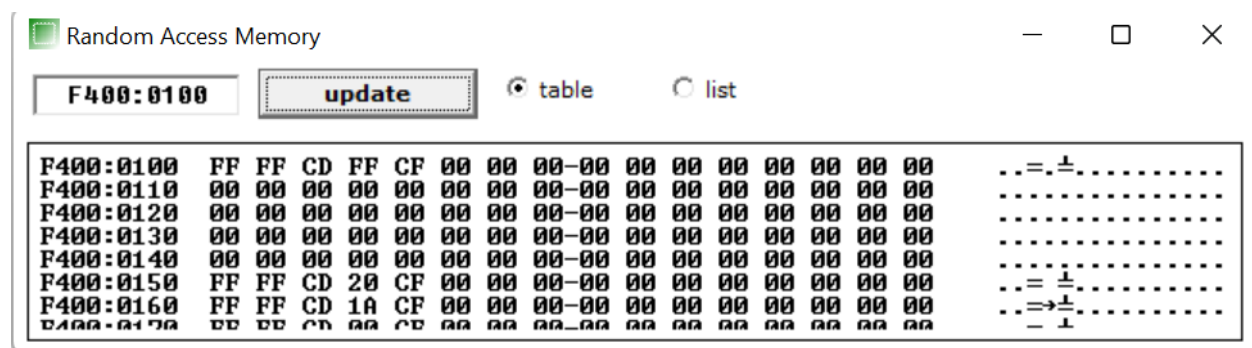
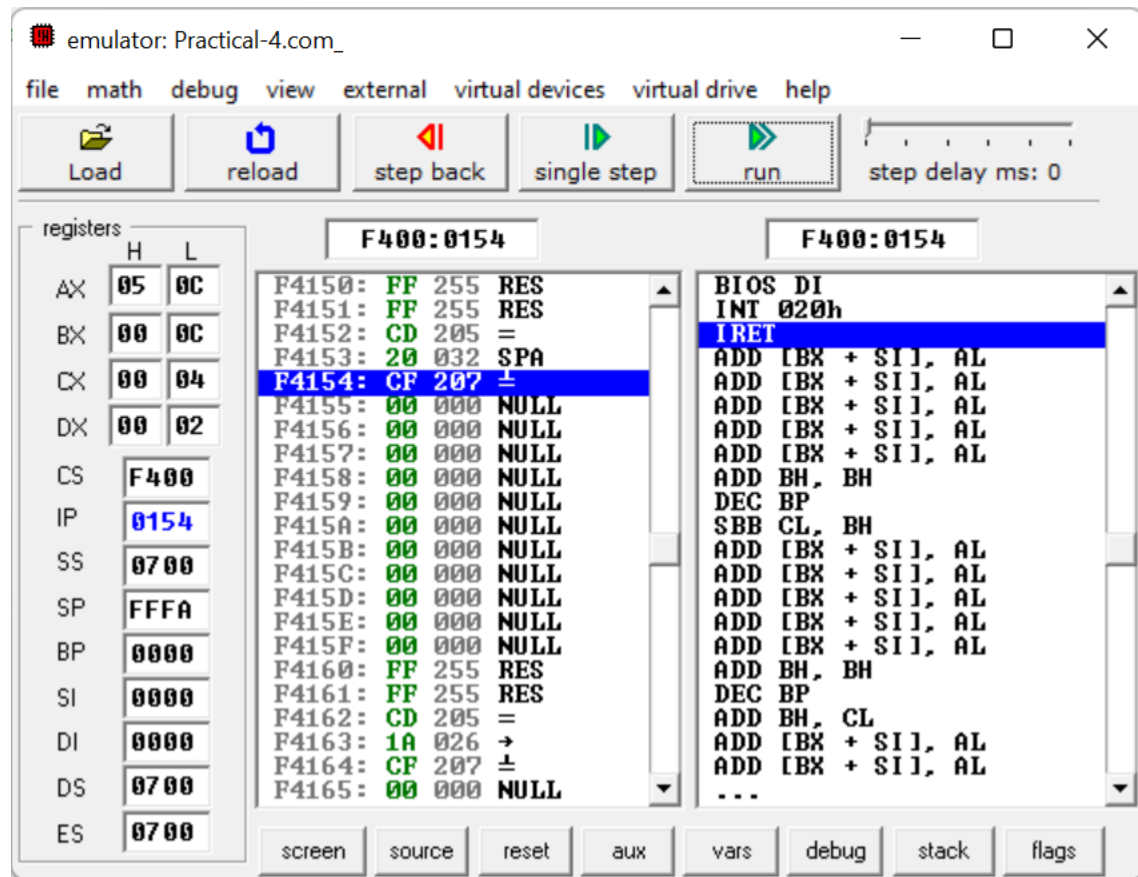
ADD BL,CL

SUB BL,DL

ADD BL,AH

MOV AL,BL

RET

OUTPUT:

CONCLUSION: In this practical we learnt how to convert a C program into assembly language and learnt use of ADD and SUB.