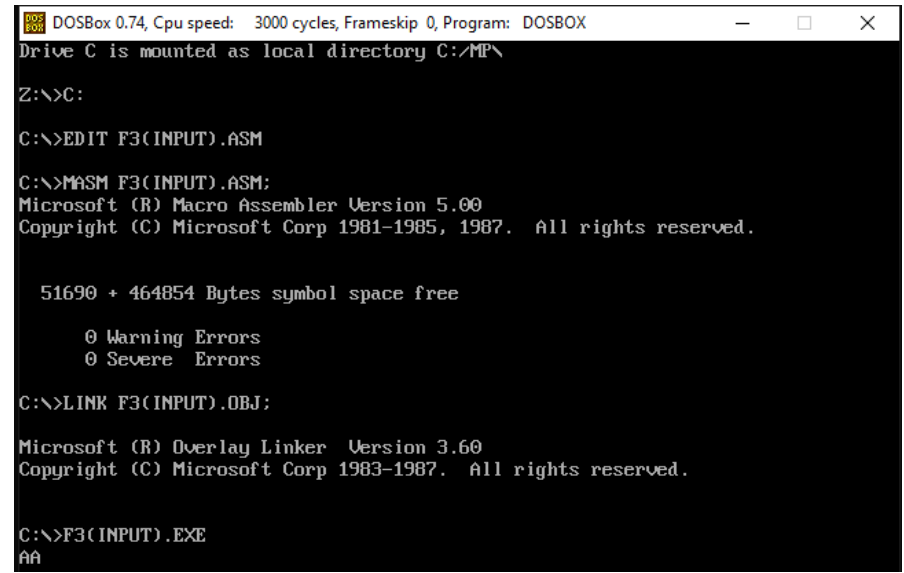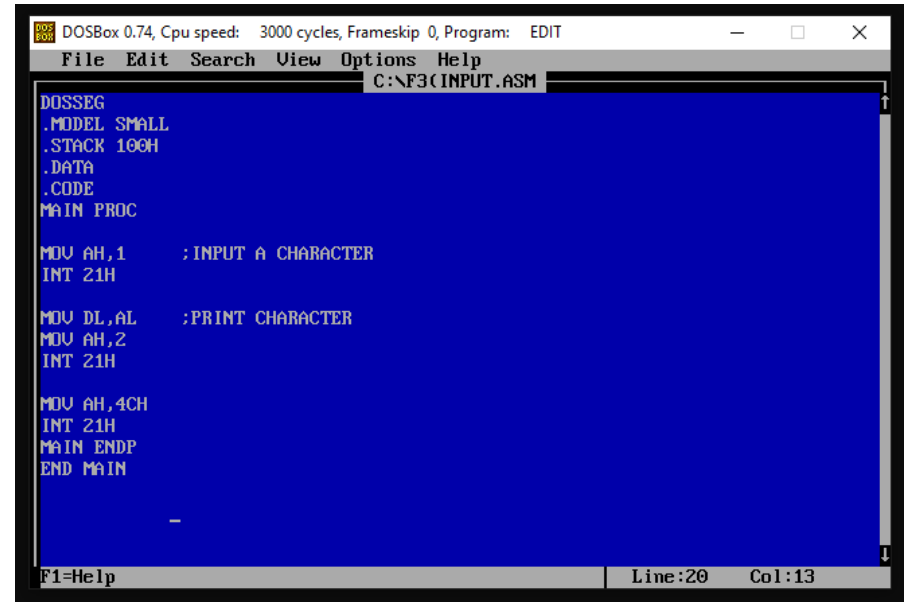NAME: ZEHRA MOHAMMAD TAQI
SEAT NO: B21110006167

PROGRAM TO INPUT SINGLE CHARACTER AND PRINT:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

MOV AH,1      ;INPUT A CHARACTER (A)
INT 21H

MOV DL,AL     ;PRINT CHARACTER
MOV AH,2
INT 21H

MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
```
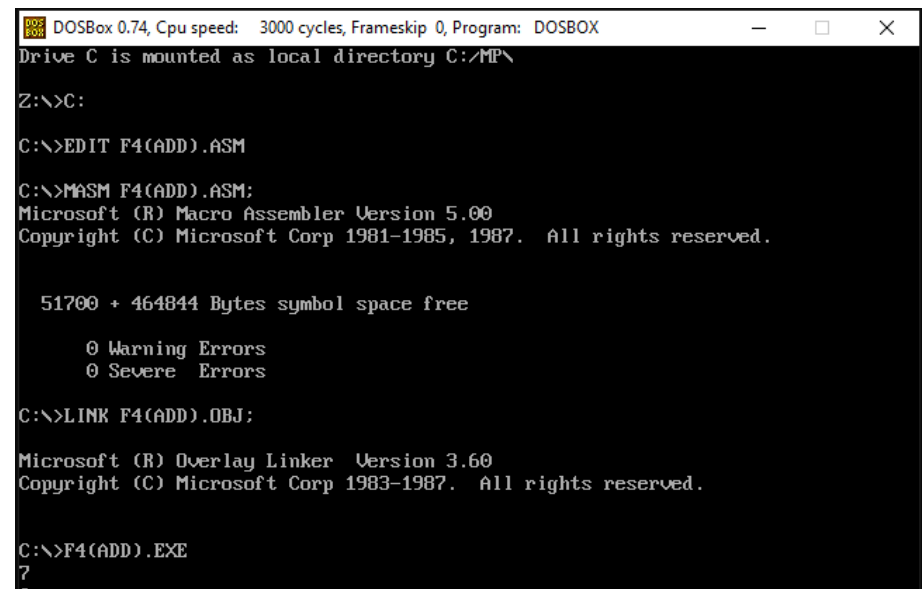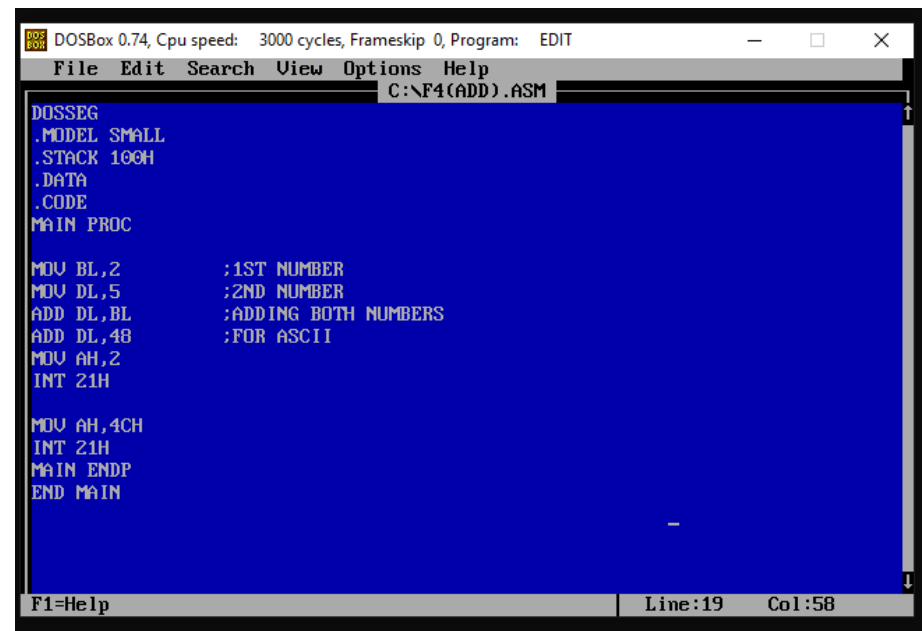
NAME: ZEHRA MOHAMMAD TAQI
SEAT NO: B21110006167

PROGRAM TO ADD TWO NUMBERS:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

MOV BL,2          ;1ST NUMBER
MOV DL,5          ;2ND NUMBER
ADD DL,BL         ;ADDING BOTH NUMBERS
ADD DL,48         ;FOR ASCII VALUE
MOV AH,2
INT 21H

MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
```
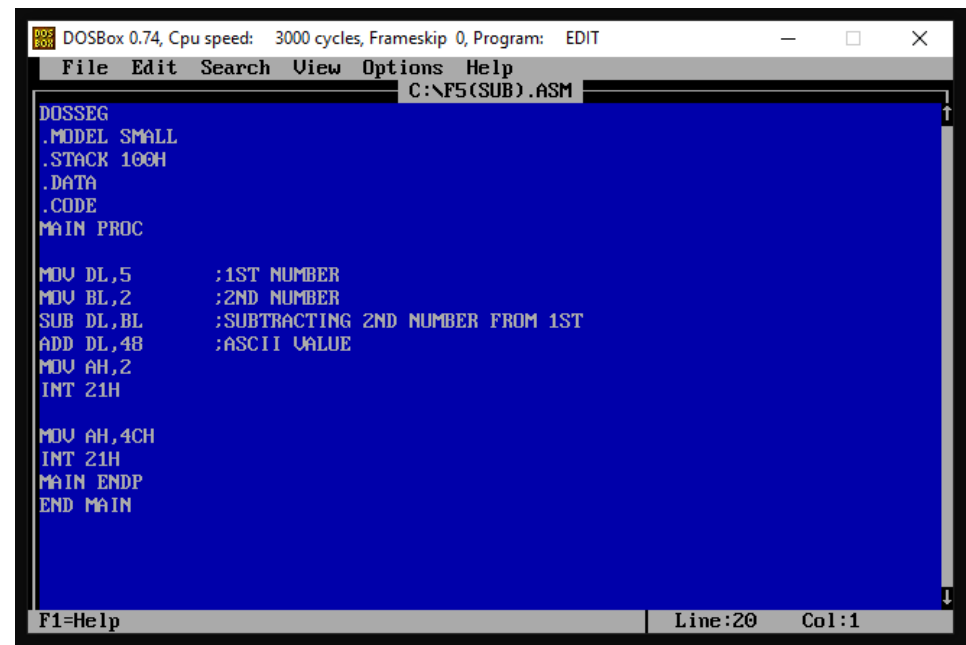
NAME: ZEHRA MOHAMMAD TAQI
SEAT NO: B21110006167

PROGRAM TO SUBTRACT TWO NUMBERS:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

MOV DL,5         ;1ST NUMBER
MOV BL,2         ;2ND NUMBER
SUB DL,BL        ;SUBTRACTING 2ND NUMBER FROM 1ST
ADD DL,48        ;FOR ASCII VALUE
MOV AH,2
INT 21H

MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
```

NAME: ZEHRA MOHAMMAD TAQI
SEAT NO: B21110006167

PROGRAM TO INPUT AND ADD TWO NUMBERS:
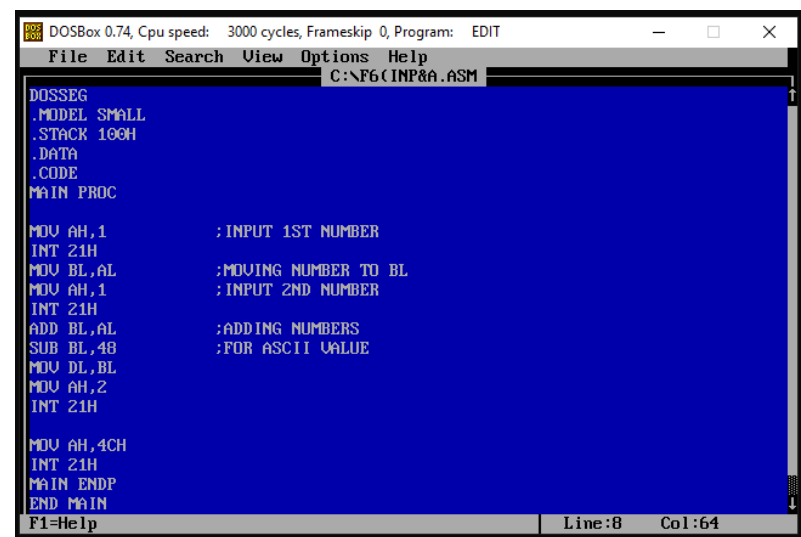
```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

MOV AH,1            ;INPUT 1ST NUMBER (3)
INT 21H
MOV BL,AL           ;MOVING NUMBER TO BL

MOV AH,1            ;INPUT 2ND NUMBER (6)
INT 21H

ADD BL,AL           ;ADDING NUMBERS
SUB BL,48           ;FOR ASCII VALUE
MOV DL,BL
MOV AH,2
INT 21H

MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
```