

NAME: ZEHRA MOHAMMAD TAQI  
SEAT NO: B21110006167

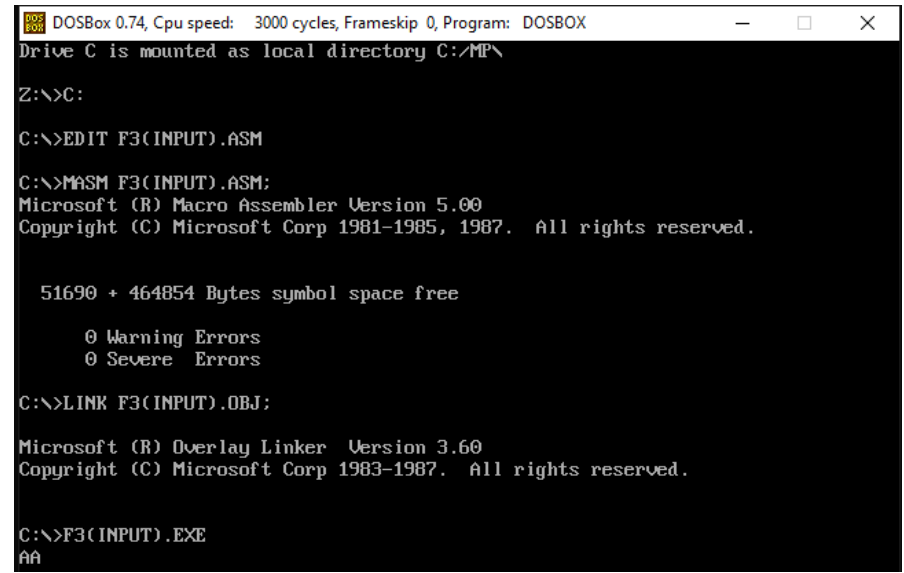
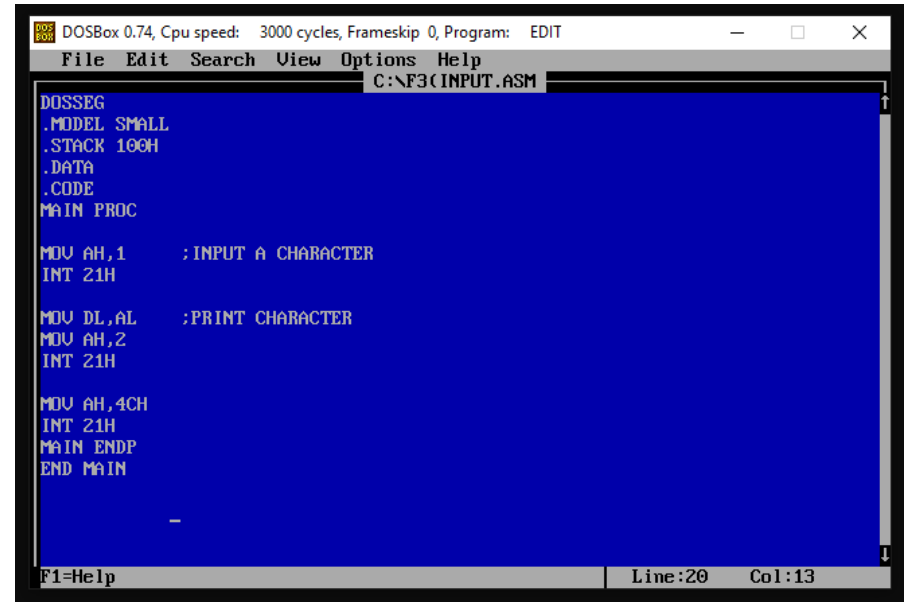
# PROGRAM TO INPUT SINGLE CHARACTER AND PRINT:

```
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
```



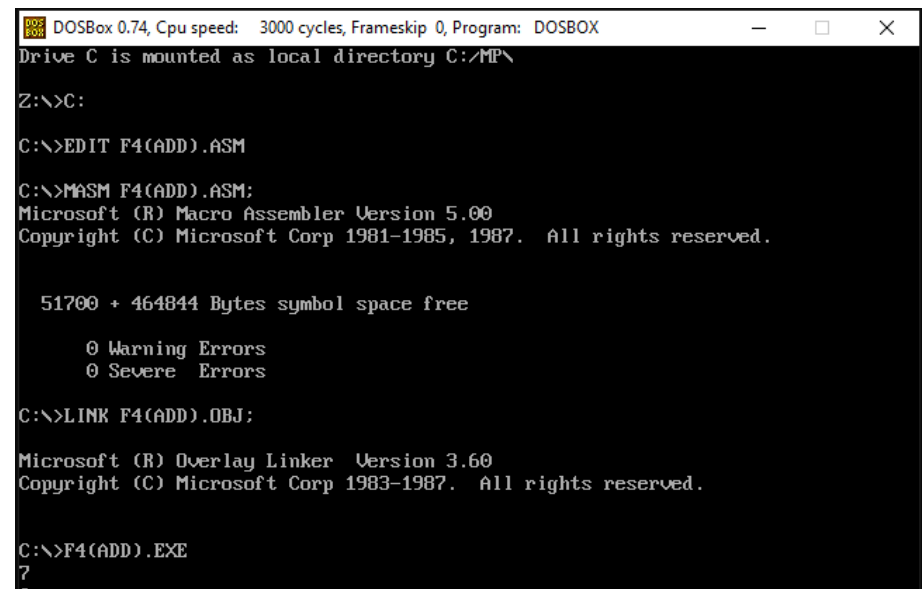
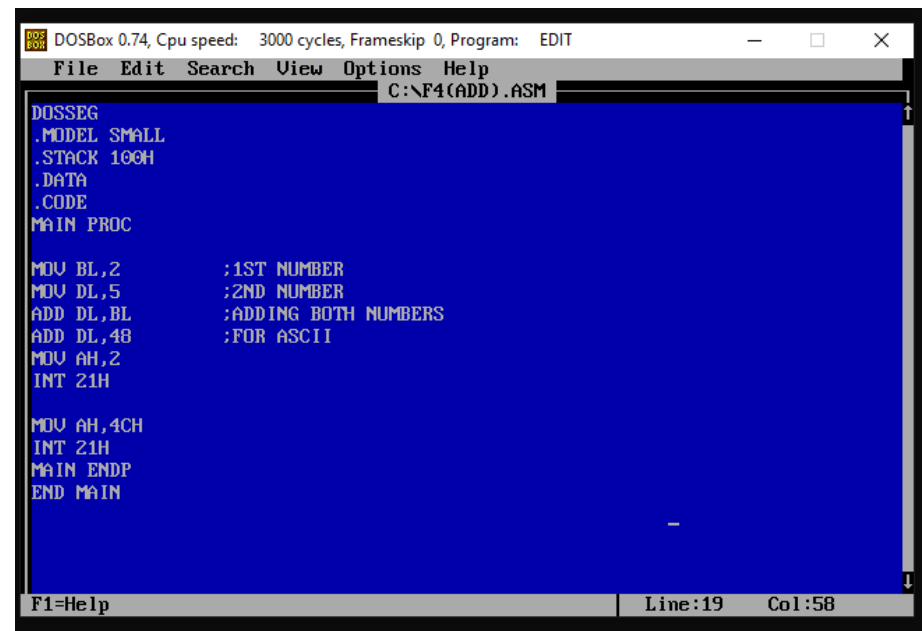
NAME: ZEHRA MOHAMMAD TAQI  
SEAT NO: B21110006167

# 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
```



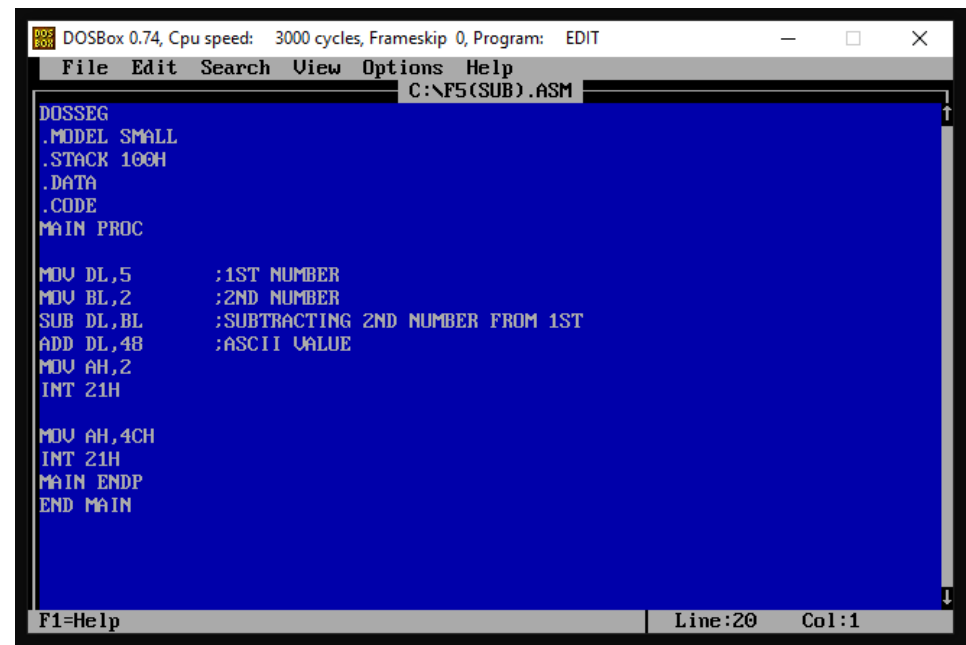
NAME: ZEHRA MOHAMMAD TAQI  
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# PROGRAM TO SUBTRACT TWO NUMBERS:

```
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
```



```
C:\>EDIT F5(SUB).ASM

C:\>MASM F5(SUB).ASM;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51700 + 464844 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\>LINK F5(SUB).OBJ;

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

C:\>F5(SUB).EXE
3
```

NAME: ZEHRA MOHAMMAD TAQI  
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# PROGRAM TO INPUT AND ADD TWO NUMBERS:

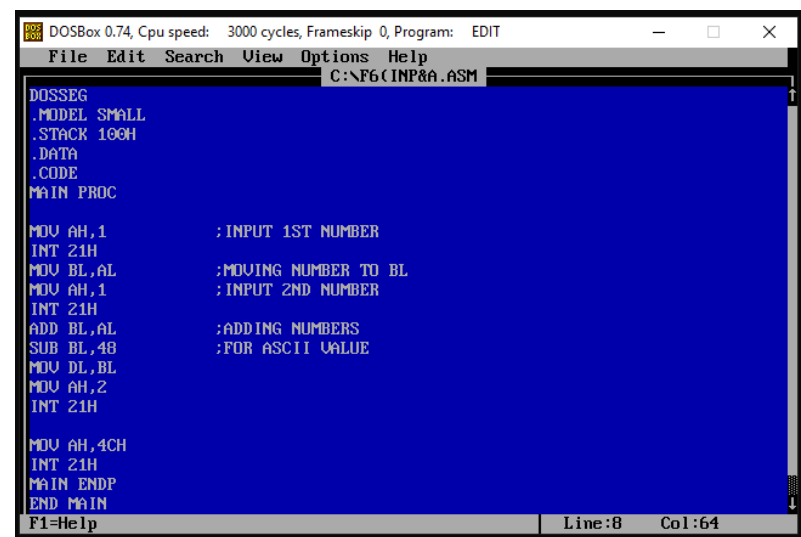
```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

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
```



```
C:\>EDIT F6(INP&ADD).ASM

C:\>MASM F6(INP&ADD).ASM:
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51680 + 464864 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\>LINK F6(INP&ADD).OBJ;

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

C:\>F6(INP&ADD).EXE
369
```