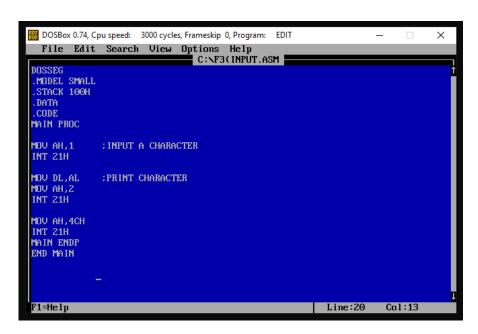
SEAT NO: B21110006167

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
```



```
Dosbox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX

Drive C is mounted as local directory C:/MPN

Z:\>C:

C:\>EDIT F3(INPUT).ASM

C:\>MASM F3(INPUT).ASM:
Microsoft (R) Macro Assembler Version 5.00

Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51690 + 464854 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\>LINK F3(INPUT).0BJ;

Microsoft (R) Overlay Linker Version 3.60

Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
```

SEAT NO: B21110006167

PROGRAM TO ADD TWO NUMBERS:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC
                  ;1ST NUMBER
MOV BL, 2
                  ;2ND NUMBER
;ADDING BOTH NUMBERS
;FOR ASCII VALUE
MOV DL,5
ADD DL,BL
ADD DL,48
MOV AH, 2
INT 21H
MOV AH, 4CH
INT 21H
MAIN ENDP
END MAIN
```



```
Dosbox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX — X

Drive C is mounted as local directory C:/MPN

Z:\>C:

C:\>EDIT F4(ADD).ASM

C:\>MASM F4(ADD).ASM;
Microsoft (R) Macro Assembler Version 5.00

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51700 + 464844 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\>LINK F4(ADD).OBJ;

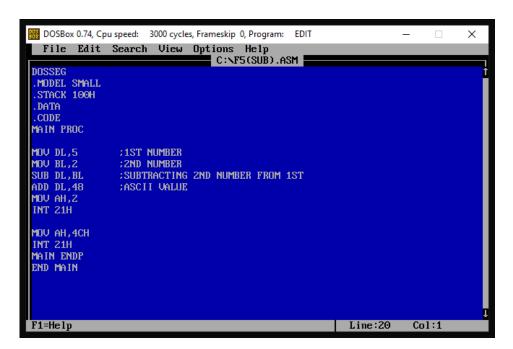
Microsoft (R) Overlay Linker Version 3.60

Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
```

SEAT NO: B21110006167

PROGRAM TO SUBTRACT TWO NUMBERS:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC
              ;1ST NUMBER
MOV DL,5
              ;2ND NUMBER
MOV BL,2
              ;SUBTRACTING 2ND NUMBER FROM 1ST
SUB DL,BL
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

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

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

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: EDIT — X

File Edit Search View Options Help

C:\F6(INP&A.ASM

DOSSEG
.MIDDEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC

MOV AH,1 :INPUT 1ST NUMBER
INT 21H
MOV BL,AL :MOVING NUMBER TO BL
MOV AH,1 :INPUT 2ND NUMBER
INT 21H
ADD BL,AL :ADDING NUMBERS
SUB BL,48 :FOR ASCII VALUE
MOV DL,BL
MOV DL,BL
MOV AH,2
INT 21H
MOV AH,4CH
INT 21H
MOU AH,4CH
INT 21H
MAIN ENDP
END MAIN
F1=Help Line:8 Col:64
```

```
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

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