



Ahsanullah University of Science & Technology

Department of Computer Science & Engineering

Course No : CSE2214
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Section : A

1. Write a program to input an upper case letter and display its corresponding lowercase letter.

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.MODEL SMALL

.STACK 100H

.DATA

PROMT_1 DB 'ENTER THE UPPER CASE
LETTER : \$'

PROMT_2 DB 'THE LOWER CASE LETTER
IS : \$'

.CODE

MAIN PROC

MOV AX, @DATA

MOV DS, AX

LEA DX, PROMT_1

MOV AH, 9

INT 21H

MOV AH, 1

INT 21H

MOV BL, AL

MOV AH, 2

MOV DL, 0DH

INT 21H

MOV DL, 0AH

INT 21H

LEA DX, PROMT_2

MOV AH, 9

INT 21H

ADD BL, 20H

MOV AH, 2

MOV DL, BL

INT 21H

MOV AH, 4CH

INT 21H

MAIN ENDP

END MAIN

2. Write a program to read two decimal digits whose sum is less than 10 and display them and their sum in the next line with an appropriate message.



- MODEL SMALL

- STACK 100H

- DATA

STR1 DB 0AH, 0DH, 'Here ,

FIRSTNUM DB ?

STR2 DB ' + ,

SECONDDNUM DB ?

STR3 DB ' = ,

ANS DB ?

STR4 DB ' Is less than 10 \$,

- CODE

MAIN PROC

MOV AX, @DATA

MOV DS, AX

MOV AH, 2

MOV DL, 3FH

INT 21H

MOV BL, AL

MOV FIRSTNUM, AL

~~MOV~~

INT 21H

MOV SECONDDNUM, AL

ADD BL, AL

SUB BL, 30H

MOV ANS, BL

MOV AH, 9

LEA DX, STR1

INT 21H

MOV AH, 4CH

INT 21H

MAIN ENDP

END MAIN.