

Lab Session 3

1- Read a Key from Key board

La Code:

Mov AH, 1H INT 21 H

و الحرف اللى المكت ستخن نه أوتوما تك في AL

2 - Write/Print a Key from Keyboard

Code to Print a character,

الداتا لدنم تتخزن الدول في علا

Mov DL, 'A'

Mov AH, 2H

Ex. Write a program to receive character from the user and Print it again on screen.

- GDE MAIN PROC

Mov AH, 1H; receive input INT 21H

Mov BL, AL; input data (character) Mov DL, BL









	Mov AH, 2H	; Print what in	DL.
	INT 21H		
177	A The second sec	ئوزر ھڪال	حيک
user اللي user	الطاءة +		- (
كتبى	*		

-GDE
MAIN PROC
MOV AH, 1H
DNT 21H
MOV BL, AL

Mov OL, 10H; new line Mov AH, 2H INT 21H

MOV BL, DL MOV AH, 2H INT 21H

____, Multiple input_output

Mov AH, JH















Mov BL, AL INT 21 H
Mov BH, AL INT 21 H
Mov CL, AL INT 21 H
and so on
3 to Print each input
Mov AH, 2H
Mov DL, BL INT 21H
Mov DL, CL INT 21H
we should do it using loop to optimize of
Hov OL, AL Mov All, the







Ex. Write a program to receive a number from user and check if it is negative or not (positive) and display a message

Mov AH, TH

Mov BL, AL

TNT21H Mov CL, AL

ΫΟΟ ΒΓ' ČΓ

Mov AH, 2H

Mov Di, BL

INT 21H

IN Clude Emw8086. INC

ATA O. NO DB 9

MAIN ENOP

END WHIN

From user.

MAIN PROC

. GDE

- ODE MAIN PROC









Mov Ax, @DATA Mov Dx, Ax
Mov AH , TH INT 21H
Mov Mo, AL
CWb No 20
JE Equal
JL Negative
JG Positive
Egnal, Print "Egnal"
Negative, Print "Negative"
Positive, Print "Positive" ENDP END MAIN



To CLEAR Screen; Mov AH, ooth INT 214	
To Ptint a message . DATA	
MSG "Hello world" - GDE	
LEA DX, MSG	
Mov AH, 9H INT 21H	
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