Khizra Noor

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Coal lab # 6

Task : 1

Write a program in assembly language to print your CV or Biodata

Program

.MODEL SMALL

.STACK 100H

.DATA

cv\_data DB 'Name: Khizra Noor', 13, 10

DB 'Age: 19 Years', 13, 10

DB 'Degree: BS Computer Science', 13, 10

DB 'Phone: 0300-64567867', 13, 10

DB 'Address:islamabad', 13, 10

DB 'Skills: web developing ', 13, 10 , '$'

.CODE

MAIN PROC

MOV AX, @DATA

MOV DS, AX

MOV DX, OFFSET cv\_data

MOV AH, 09H;

INT 21H;

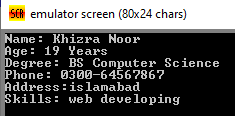
MOV AH, 4CH

INT 21H

MAIN ENDP

END MAIN

Output



Task : 2

Write a program that input a character from user and print that again on screen in the given format. The user entered x character.

Program

.model small

.stack 100h

.data

msg DB 'Enter a character: $'

first DB 13, 10 , '$'

output DB 'The user entered: $'

.code

Main proc

MOV AX, @DATA

MOV DS, AX

MOV DX, OFFSET msg

MOV AH, 09H

INT 21H

MOV AH, 01H

INT 21H

MOV BL, AL

MOV DX, OFFSET first

MOV AH, 09H

INT 21H

MOV DX, OFFSET output

MOV AH, 09H

INT 21H

MOV DL, BL

MOV AH, 02H

INT 21H

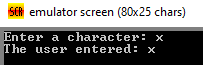
MOV AH, 4CH

INT 21H

main endp

end main

Output



Task : 3

Write a program that input a character from user is in lowercase, the program will convert it to uppercase and will display it on console after conversion. Show messages stored in variable strings to the user.

Program

.model small

.stack 100h

.data

a db '$'

.code

main proc

mov ax, @data

mov ds, ax

mov ah, 01h

int 21h

sub al, 20h

mov dl, al

mov ah, 02h

int 21h

mov dl, ' '

mov ah, 02h

int 21h

mov ah, 4Ch

int 21h

main endp

end main

Output

