Cs401 Assignment No:02 2023

By Sir Ray Afzal

Whatsapp:03016812299

اسائنمنٹ بنانے کے لیے رابطہ کر سکتے ہیں

Deadline Date

July 10-023

Coding

```
jmp start
name db 'Name : Sir Ray Afzal','$'
vuid db 'VUID : BC190411295','$'
msg db 'VUID Sorted : ','$'
assid db '011124599 ','$
desid db '995421110','$
start:
mov AH, 06h
mov AL, 0
mov BH, 07h
mov CX, 0
mov dx, 184Fh
int 10h
mov AH, 02h
mov BH, 00h
mov DH, 00h
```

```
mov DL, 00h
int 10h
mov AH, 09h
mov DX, name
int 21h
mov AH, 02h
mov BH, 00h
mov DH, 01h
mov DL, 00h
int 10h
mov AH, 09h
mov DX, msg
int 21h
xor AX, AX
mov ES, AX
cli
mov word [es:9*4], kbisr
mov [es:9*4+2], cs
```

```
sti
kbisr: push AX
push ES
mov AX, 0xb800
mov ES, AX
in AL, 0x60
cmp AL, 0x2a
jne nextcmp
mov AH, 02h
mov BH, 00h
MOV DH, 02h
mov DL, 13
int 10h
mov AH, 09h
mov DX, desid
int 21h
jmp nomatch
nextcmp: cmp AL, 0x36
jne nomatch
mov AH, 02h
mov BH, 00h
mov DH, 02h
mov DL, 13
int 10h
mov AH, 09h
```

```
mov DX, assid
int 21h
nomatch: mov AL, 0x20
out 0x20, AL
pop ES
pop AX
iret
mov AX, 4c00h
int 21h
```

Name, VUID and ascending or descending order of VUID as per give sample.

Left Shift Pressed	Right Shift Pressed
	