

LAB REPORT – 03



Group Members:

Muhammad Hamdan Raja – (BSAI – 162)

Usman Zaheer – (BSAI – 129)

Junaid Asif – (BSAI – 144)

Muhammad Haris Munawar – (BSAI – 163)

Adeel Naeem – (BSAI – 146)

Mir Abu Huraire Faiz – (BSAI – 133)

Semester:

BSAI – 4th Morning

Subject:

Computer Organization and Assembly Language

Date:

07 – Mar – 2024

Teacher:

Miss Mehwish Zeb Abbasi

Lab Task # 03

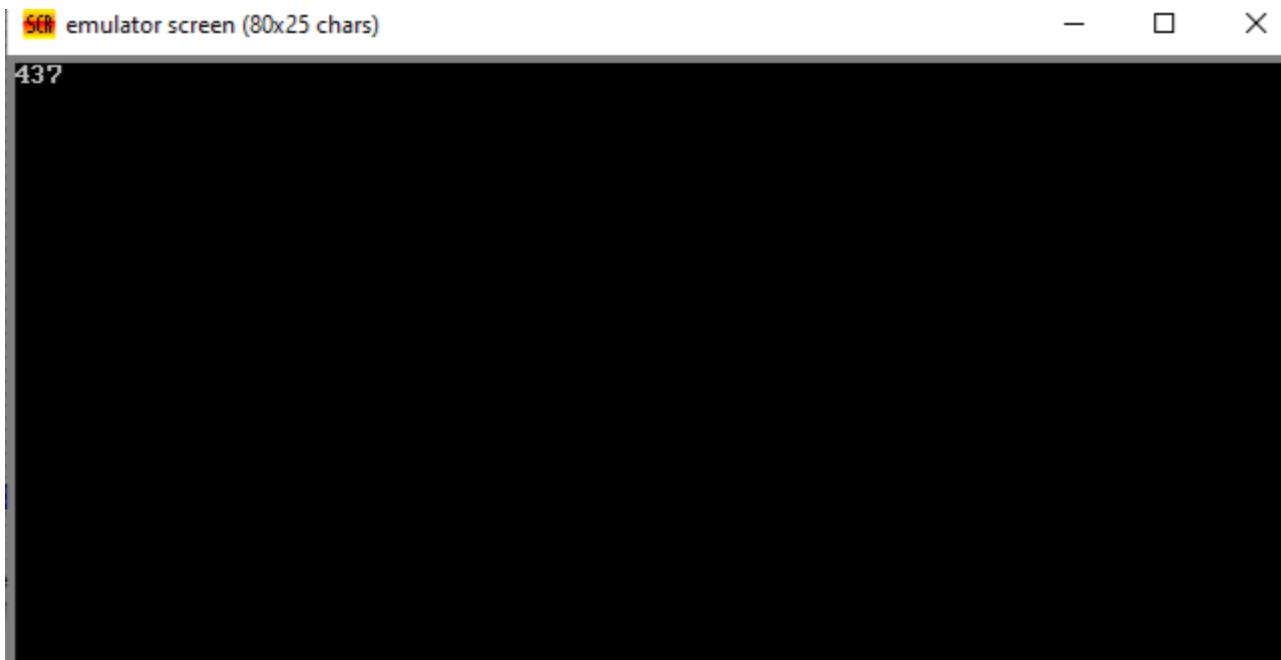
Problem 1: enter two number that return age .

Code:

```
.model small
.stack 100h
.data
age db ?
.code
main proc
    mov ah,1
    int 21h
    mov age,al
    mov ah,1
    int 21h
    add al,age
    mov ah,2
    mov dl,al
    sub dl,30h
    int 21h
    main endp
end main
```

Output

4 3=7



Problem 2: write any code using jump statement

Code:

```
include 'emu8086.inc'
.model small
.code
main proc
mov ah,1
int 21h
mov bl,2
div bl
cmp ah,0
JE even
JNE odd
even:
print 'Even No'
jmp exit
odd:
print 'Odd No'
```

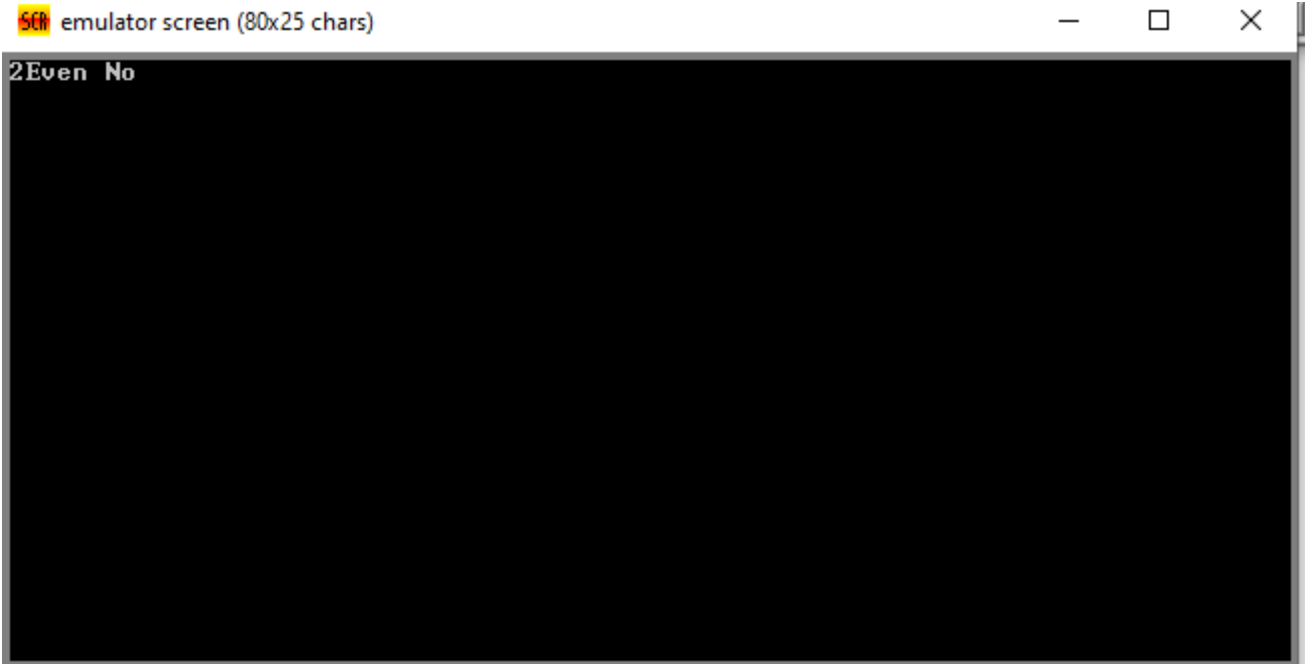
```
exit:
```

```
main endp
```

```
end main
```

Output

2 is an even number



***** *The End* *****