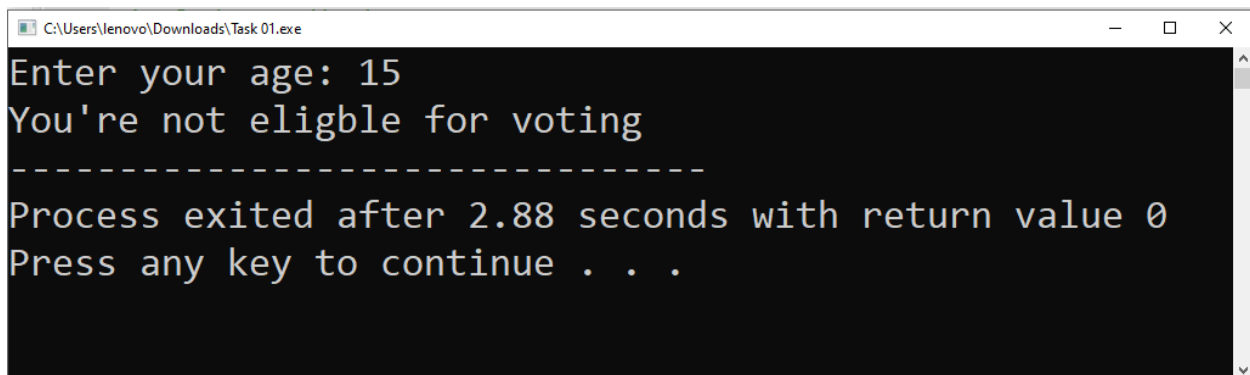# Lab # 04 Tasks

Task 1: Check Voting Eligibility

Write a program that asks the user for their age and prints whether they are eligible to vote or not. (Use if-else statement.)

Program:

```c
#include <stdio.h>
int main(){
    int age;
    printf("Enter your age: ");
    scanf("%d", &age);

    if (age>=18){
        printf("You're eligble for voting");
    }
    else{
        printf("You're not eligble for voting");
    }
}
```

Output:

```
C:\Users\lenovo\Downloads\Task 01.exe                                    —    □    ×

Enter your age: 15
You're not eligble for voting
--------------------------------
Process exited after 2.88 seconds with return value 0
Press any key to continue . . .
```
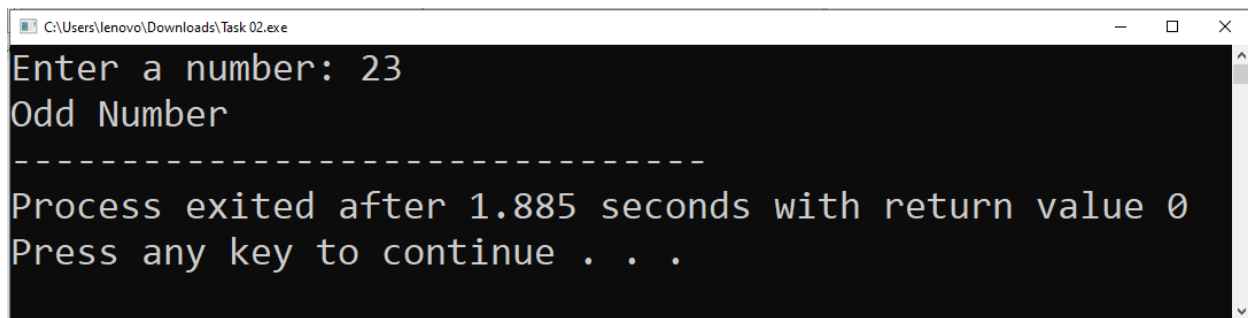
Task 2: Odd/Even Number

Write a program to check if a number entered by the user is odd or even.
(Use if statement with the modulus operator)

Program:

```c
#include <stdio.h>
int main(){
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);

    if (num%2==0){
        printf("Even Number");
    }
    else{
        printf("Odd Number");
    }
    return 0;
}
```

Output:

```
C:\Users\lenovo\Downloads\Task 02.exe                              —    □    ✕
Enter a number: 23
Odd Number
---------------------------------
Process exited after 1.885 seconds with return value 0
Press any key to continue . . .
```

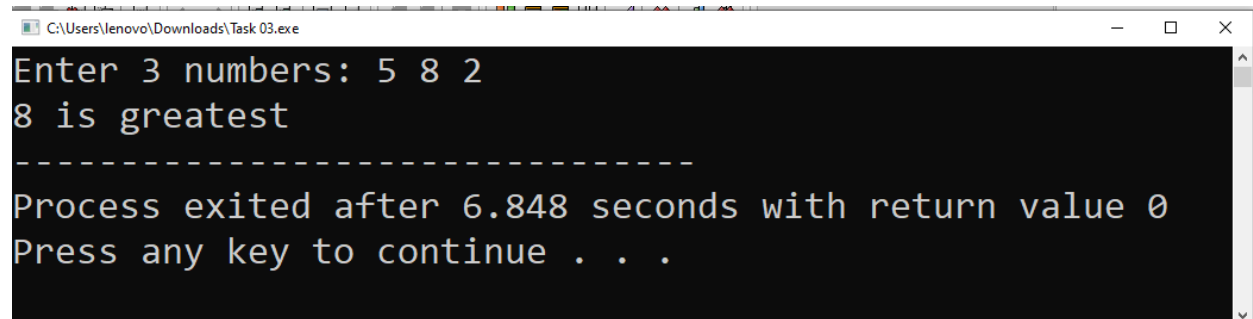## Task 3: Find Largest Among Three Numbers

Write a program to find the largest number among three numbers input by the user.
(Use if - else if - else statements)

Program:

```c
#include <stdio.h>

int main(){
    int num1,num2,num3;
    printf("Enter 3 numbers: ");
    scanf("%d %d %d", &num1,&num2,&num3);
    if(num1>num2 && num1>num3){
        printf("%d is greatest", num1);
    }
    else if(num2>num1 && num2>num3){
        printf("%d is greatest", num2);
    }
    else{
        printf("%d is greatest", num3);
    }
    return 0;
}
```

Output:

```
C:\Users\lenovo\Downloads\Task 03.exe                                    —    □    ×

Enter 3 numbers: 5 8 2
8 is greatest
---------------------------------
Process exited after 6.848 seconds with return value 0
Press any key to continue . . .
```