Lab (1)

Write a C code to calculate employee salary in a week based on the his working hours, hour rate is 50.

The program will ask the user to enter the working hours, then it will print his salary.

But if the working hours are less than 40 hours, a 10% deduction will be applied.

```
Plese Enter Your working hours: 50
Your Salary is 2500
```

```
Plese Enter Your working hours: 20
Your Salary is 900
```

Lab (2)

Write a C code that ask the user
to enter a number and check if it
is Even or Odd number

```
Please enter number: 6
Number is Even
```

```
Please enter number: 7
Number is Odd
```

Lab (3)

Expected Output

Write a C code to ask the user to enter his grade and the program will print his rating.

```
0  <= grade < 50   ------> Failed
50 <= grade < 65   ------> Normal
65 <= grade < 75   ------> Good
75 <= grade < 85   ------> Very Good
85 <= grade        ------> Excellent
```

```
Please enter number: 63
Your rating is Normal
```

```
Please enter number: 92
Your rating is Excellent
```

```
Please enter number: 45
Your rating is failed
```

Lab (4)

Login System:

Write a C code that ask the user to enter his ID and then the program will print his name.
Available IDs are:
1234-> Ahmed
5678 -> Youssef
1145 -> Mina
Any other number, the program will print **Wrong ID**

```
Plese Enter Your ID: 1234
Welcome Ahmed
```

```
Plese Enter Your ID: 8897
Wrong ID
```

Lab (5)

Write a C code that ask the user to enter 10 numbers, then ask him to enter another number to search on it in the 10 numbers and print its location in case it is found.

In case the number is not found, it will print number no exist

```
Enter Number 1: 5
Enter Number 2: 6
Enter Number 3: 8
Enter Number 4: 9
Enter Number 5: 11
Enter Number 6: 14
Enter Number 7: 34
Enter Number 8: 58
Enter Number 9: 12
Enter Number 10: 6
Enter the value to search: 12
Value is exist at element number 9
```

Lab (6)

Write a C code that ask the user to enter his ID, if the ID is valid it will ask the user to enter his password, if the password is correct the program will print the user name, if the password is incorrect the program will print *Incorrect Password*.

In case of not existing ID, the program will print *Incorrect ID*

Lab (7)

Write a code that will ask the user to enter 3 numbers, the program will print the maximum number of them.

```
Enter number 1: 5
Enter number 2: 3
Enter number 3: 9
Maximum number is 9
```