

ITC LAB #07 Section C

LAB TASK

1. Write a Function that take an input from a user and tell us whether a entered number is even or odd

Expected output

```
Enter number: 2
even
```

2. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.

Note : Use 'continue' statement.

Expected output

```
0
1
2
4
5
```

3. Write a Python Function to create the multiplication table (from 1 to 10) of a number(Ask a number from a user).

Expected output

```
Input a Number: 5
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
```

4. Modify a calculator you made in the last lab. This time your function ask user to enter the number and the operation you want to perform (+,-,*,/)

after the operation is performed your program should ask the user whether you want to continue (Y/N)? your program will exit only when user enter "N"

Hint: use while loop

```
enter number: 1
enter number: 2
For Addition press 1
For Subtraction press 2
For Multiplication press 3
For Division press 4
enter operation: 1
Addition: 3
you want to continue (y/n)? y
enter number: 3
enter number: 2
For Addition press 1
For Subtraction press 2
For Multiplication press 3
For Division press 4
enter operation: 3
Multiplication: 6
you want to continue (y/n)? n
```

5. Write a Python program to construct the following pattern, using a for loop number.

Expected Output:

```
1
22
333
4444
55555
666666
7777777
88888888
999999999
```