Assignment for lab-5

1. WAP in C to print the all the even number and odd number from the 1 to N. Try to categorize the numbers in given range.

2. WAP IN C to print the table of numbers between 1 to 10.

3. WAP in C to generate the given pattern.

```
            1
         2  3  2
      3  4  5  4  3
   4  5  6  7  6  5  4
5  6  7  8  9  8  7  6  5
```

4. WAP in C to generate the Floyd's triangle given below.

```
1
2 3
4 5 6
7 8 9 10
```

5. WAP in C to count the number of digits in entered number. Accept the entered number of Long type and if the user type unexpected number Than throw a message "please correct the number and Enter again" until it gives count of digit the program should not end.

6. WAP in C to check whether number is positive or negative or Zero. If number is found positive than display message whether "you want to find the factorial of number or not?" give choice to the user with 'Y' or 'N' if it presses Y then display the factors of pressed integer number. Else display "Thank You" messages for all the cases.