

### **Assignment 3**

- 1) Write a python program to show whether a number taken as input is a positive or negative number.
- 2) Write a python program to check whether a number is odd or even.
- 3) Write a python program that takes 2 different numbers as input and displays the larger between the two.
- 4) Write a python program to print all the numbers from 0 to 10.
- 5) Write a python program to print all the numbers in the range 50-60.
- 6) Write a python program to calculate the sum of all the numbers from 1 to 10.
- 7) Write a python program to print squares of all numbers between 1 and 5.
- 8) Write a python program to print the string "Programming and Problem Solving using Python" 27 times.
- 9) Write a python program to add natural numbers up to 15 using while loop.
- 10) Write a python program to take a number as input, if the input is a positive number, then check whether it belongs to the odd or even category.
- 11) Write a python program to check whether a chosen input number is Armstrong or not.
- 12) Write a python program to check whether a chosen input number is a palindrome number.