**Loop Control Statements**

**for loop, while loop, do…while loop**

1. Write a program to display the following series: (take n as upper bound input)

0 2 4 6 8 ……….. n (even).

2. Write a program to display the letters from a to z.

3. Find out the summation of following series (take n as upper bound input):

1+2+3+…………………………………+n=?

4. Find out the summation of following series (take n as upper bound input):

1+3+5+7+………………………+n (odd)=?.

5. Find out the summation of following series (take n as upper bound input):

6. Write down a program that can take a lower bound (i) and an upper bound (n) and then find out the summation of those numbers which are divisible by 3 from i to n.

7. Write down a program that can take n numbers as input and then find out their average.

8. Write down a program that can take n numbers as input and then find out the average of those numbers which are greater than 10.

9. Write a program to find out the factorial of a number (n).

10. Write a program that will take a number (n) and find out whether it is prime number or not.