

Loops – Write programs using each of the loops – for, do while & while, for the following exercises:

1. Display numbers from 1 to 100.
2. Display all even numbers from 1 to 100.
3. Display all odd numbers from 200 to 300.
4. Display the seventh element between 400 to 500 (both numbers excluded).
5. Find first 10 even numbers.
6. Find all prime numbers < 100.
7. Find all prime numbers from 400 till 300.
8. Calculate factorial of a number.
9. Count number of digits in any number.
10. Generate Fibonacci series. 0,1, 1, 2, 3, 5,8 k. where $k < n$. n is entered by user
11. Generate Fibonacci series for first n terms.
12. Find sum of all digits of a number.
13. Find out if given number is palindrome or not.