

Worksheet 1 – Loops

Write a program in java for each of the following:

1. Take the input of a number n , and display all natural numbers from 1 to n . The program should also calculate the sum of these numbers and display the same.
2. Take the input of a number n , and display all even numbers between 1 to n . The program should also calculate the sum of these numbers and display the same.
3. Take the input of a number and calculate it's factorial. The factorial of a number n is the product of all numbers from 1 to n .
For example, $4! = 1 \times 2 \times 3 \times 4 = 24$