

Day 10 coding Statement: Write a program to find Factorial of a number

Description

Get a number from user for which you need to find the factorial, then calculate the factorial and give it as the output.

Input

4

Output

24

```
import java.util.Scanner;

public class RatanPrajapati_day9 {
    static int factorial(int n) {
        if (n == 0 || n == 1) {
            return 1;
        }
        return n * factorial(n - 1);
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num = sc.nextInt();
        System.out.println(factorial(num));
    }
}
```