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PROGRAM:-

import java.util.Scanner;

public class Factorial

{

static void computeFactorial(int n)

{

int fact=1;

for(int i=1; i<=n; i++)

{

fact=fact\*i;

}

System.out.println("The Factorial of "+n+" is " +fact);

}

public static void main(String[] args)

{

Scanner s=new Scanner(System.in);

int n;

System.out.print("Enter the Number:");

n=s.nextInt();

computeFactorial(n);

}

}

**OUTPUT:-**

Enter the Number:5

The Factorial of 5 is 120