Q2. Write a program to calculate a Factorial of a number.

package assingmentQuestions;

import java.util.Scanner;

public class factorial {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a number: ");

int number = scanner.nextInt();

long factorial = 1;

for (int i = 1; i <= number; i++) {

factorial \*= i;

}

System.out.println("The factorial of " + number + " is: " + factorial);

}

}