import java.util.\*;

public class Exp1Java {

public static void main(String[] args) {

int fact=1, n;

Scanner factorial=new Scanner (System.in);

System.out.println("Enter any Number: ");

n=factorial.nextInt();

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

{

fact = fact\*i;

}

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

}

}