import java.util.Scanner;

public class Factorials

{

public static void main (String[] args){

Scanner Scan = new Scanner(System.in);

int x;

int num = Scan.nextInt();

while (num < 0) {

System.out.println("Gimme a Positve Integer");

num = Scan.nextInt();

}

x = num;

if (num == 0) x=1;

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

x\*=i;

}

System.out.println("Factorial is " + x);

}

}