using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace factorial

{

internal class Program

{

static void Main(string[] args)

{

Console.WriteLine("program for factorial of a number");

int n = 0;

int f = 1;

int i = 1;

Console.WriteLine("enter any number:");

n = Convert.ToInt32(Console.ReadLine());

do {

f = f \* i;

i++;

}

while (i<=n);

Console.WriteLine(f);

Console.ReadKey();

}

}

}