using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Calculatencr

{

class Program

{

static int nCr(int n, int r)

{

return fact(n) / (fact(r) \* fact(n - r));

}

static int fact(int n)

{

int res = 1;

for (int i = 2; i <= n; i++)

{

res = res \* i;

}

return res;

}

static void Main(string[] args)

{

int n, r;

Console.WriteLine("Enter the value of n:");

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

Console.WriteLine("Enter the value of r:");

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

Console.WriteLine(nCr(n, r));

Console.ReadLine();

}

}

}