**Object**: Implement the following formula:



-Once implemented interchange p and k in the formula.

***Solution***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace lab\_1\_task\_4

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Formula");

Console.WriteLine("(1-p)^(n-k)");

Console.WriteLine("Value of p?");

int p = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Value of n?");

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

Console.WriteLine("Value of k?");

int k = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Answer:");

int u = n - k;

int l = 1 - p;

int t = l;

for (int i = 0; i < u-1; i++)

{

t = t \* l;

}

Console.WriteLine(t);

}

}

}

**OUTPUT:**

Formula

(1-p)^(n-k)

Value of p?

2

Value of n?

8

Value of k?

5

Answer:

-1

Press any key to continue . . .