using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Strings

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter your name");

string name = Console.ReadLine();

Console.WriteLine("please enter the number of letters in your first name");

int firstNameLength = Convert.ToInt16(Console.ReadLine());

int totalNameLength = name.Length - 1;

Console.WriteLine("the length of your name is " + totalNameLength);

string forename = name.Substring(0, firstNameLength);

Console.WriteLine("your first name is " + forename);

string surname = name.Substring(firstNameLength,(name.Length - firstNameLength));

Console.WriteLine("your last name is " + surname);

Console.ReadKey();

for (int i = 0; i < 7; i++) //clears space

{

Console.WriteLine(" ");

}

Console.WriteLine("please enter where you would like to search in your name");

int start = Convert.ToInt16(Console.ReadLine());

Console.WriteLine("please enter the number of characters to select");

int toCollect = Convert.ToInt16(Console.ReadLine());

bool found = false;

do

{

try

{

string searchTerm = name.Substring(start, toCollect);

Console.WriteLine("your search term is: " + searchTerm);

found = true;

}

catch (ArgumentOutOfRangeException)

{

Console.WriteLine("Please enter a valid search term");

Console.ReadKey();

}

} while (found == false);

Console.ReadKey();

}

}

}