using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace lesson2

{

public class Program

{

static void Main(string[] args)

{

//string

//

//string text = " John123 ";

//Console.WriteLine(text.Length);

//Console.Write(text);

//text = text.Trim();

//text = text.TrimStart();

//text = text.TrimEnd();

//Console.Write(text);

//string text = "Sa??l?a?m";

//Console.WriteLine(text);

//text = text.Replace("?", "");

//Console.WriteLine(text);

//string fruits = "Apple,Mango,Melon,PineApple,Banana";

//var result = fruits.Split(',');

////for (int i = 0; i < result.Length; i++)

////{

//// Console.WriteLine(result[i]);

////}

//foreach (var f in result)

//{

// Console.WriteLine(f);

//}

//string email = "elvin123@mail.com";

////gmail olub olmamagini yoxlayin

//var result = email.Split('@')[1];

//var result2 = result.Split('.')[0];

//if (result2 == "gmail")

//{

// Console.WriteLine("Okay");

//}

//else

//{

// Console.WriteLine("No");

//}

//string text1 = "salam";

//string text2 = "salam";

//Console.WriteLine(text1.Equals(text2));

//Console.WriteLine(text1.CompareTo(text2));

//string site = "www.google.com";

//Console.WriteLine(site.StartsWith("www"));

//Console.WriteLine(site.EndsWith("com"));

//string text = "Salam Millet";

////text += "Jesson";

//Console.WriteLine(text);

//text=text.Insert(5, "Jessy");

//Console.WriteLine(text);

//var domain = "www.itstep.edu.az";

//Console.WriteLine(domain);

//var removedString = domain.Remove(10, 4);

//Console.WriteLine(removedString);

//var text = "Programmer";

//var subtext = text.Substring(4, 3);

//Console.WriteLine(subtext);

//var text = "Programmer";

//var index = text.IndexOf("ram");

//if(index != -1)

//{

// Console.WriteLine("i found");

//}

//else

//{

// Console.WriteLine("Not found");

//}

//var text = "Programmer";

//var set = text.ToCharArray();

//foreach (var item in set)

//{

// Console.WriteLine(item);

//}

// immutable(all value types)

//int a = 100;

//int b = a;

//b = 0;

//Console.WriteLine(a);

//Console.WriteLine(b);

// mutable all references expect string

//int[] arr = { 1, 2, 3, 4, 5 };

//int[] arr2 = arr;

//arr2[0] = 55;

//Console.WriteLine(arr[0]);

//Console.WriteLine(arr2[0]);

//immutable

//string text = "taxi";

//string text2 = text;

//text2+= "a";

//Console.WriteLine(text);

//Console.WriteLine(text2);

//mutable

//StringBuilder sb=new StringBuilder();

//sb.Append("Salam");

//StringBuilder sb2 = sb;

//sb2.Append("Bye bye");

//Console.WriteLine(sb);

//Console.WriteLine(sb2);

//string text = "hello";

//text += " Hello";//hello Hello

//text += " Hello";//hello Hello Hello

//text += " Hello";//hello Hello Hello hello

//text += " Hello";//hello Hello Hello hello hello

//StringBuilder sb=new StringBuilder();

//sb.Append("Hello");

//sb.Append("Hello");

//sb.Append("Hello");

//sb.Append("Hello");

//sb.Append("Hello");

//string data = "Salam";

//string data2 = string.Empty;

//if (string.IsNullOrEmpty(data))

//{

// Console.WriteLine("it is empty");

//}

//else

//{

// Console.WriteLine(data);

//}

//string data = " ";

//string data2 = string.Empty;

//if (string.IsNullOrWhiteSpace(data))

//{

// Console.WriteLine("it has some whitespaces");

//}

//else

//{

// Console.WriteLine(data);

//}

}

}

}