

Detyra te shtepise

Hyrje ne Struktura e te te Dhenave

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Kampusi Prishtine

Viti I-Grupi II

Ligjeruesi: Laberion Zebica

6.Write a console application that prints your first and last name on the console.

using System;

namespace ConsoleApp6

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Gerti Gonxhi");

}

}

}

7.Write a program that prints the following numbers on the console 1,101,1001, each on a new line.

using System;

namespace ConsoleApp7

{

class Program

{

static void Main(string[] args)

{

System.Console.WriteLine("1");

System.Console.WriteLine("101");

System.Console.WriteLine("1001");

}

}

}

8.Write a program that prints on the console the current date and time.

using System;

namespace ConsoleApp8

{

class Program

{

static void Main(string[] args)

{

System.Console.WriteLine(System.DateTime.Now);

}

}

}

9.Write a program that prints the square root of 12345.

using System;

namespace ConsoleApp9

{

class Program

{

static void Main(string[] args)

{

System.Console.WriteLine(Math.Sqrt(12345));

}

}

}

10.Write a program that prints the first 100 members of the sequence 2,-3,4,-5,6,-7,8.

using System;

namespace ConsoleApp10

{

class Program

{

static void Main(string[] args)

{

for (int i = 2; i < 103; i++)

{

if (i % 2 == 0) Console.WriteLine(i);

else Console.Write("-{0}", i);

}

}

}

}

11.Write a program that reads your age from the console and prints your age after 10 years.

using System;

namespace ConsoleApp11

{

class Program

{

static void Main(string[] args)

{

Console.Write("Enter your age: ");

int age = int.Parse(Console.ReadLine());

Console.WriteLine("Your age after 10

years will be {0}", age + 10);

}

}

}

12.Describe the difference between C# and .NET Framework?

-In simple terms, C# is a programming language.NET is the framework on which the language is built.NET supports many programming languages,and defines the rules and associated libraries those languages will use.

12.Make a list of the most popular programming languages.How are they different from C#?

**1. Java**

Java is top pick as one of the most popular programming languages, used for building server-side applications to video games and mobile apps.

## 2. Python

Python is a one-stop shop. Python is often heralded as the easiest programming language to learn, with its simple and straightforward syntax.

## 3. C

C is not the bizarrely bad grade it seems to be. It's often the first programming language taught in college.

## 4. Ruby

Ruby (also known as Ruby on Rails) is a major supplier of web apps. Ruby is popular due to its ease of learning (it's very straightforward) and power. Ruby knowledge is in high demand these days!

## 5. JavaScript

JavaScript (which, confusingly, is not at all related to Java) is another favorite programming language because it's so ubiquitous on the web--it's basically everywhere. JavaScript allows developers to add interactive elements to their website, and its presence is felt across the internet. At WordStream, we use a JavaScript library called [JQuery](http://jquery.com/" \t "_blank) to make our JavaScript work even easier.

## 7. PHP

PHP (which stands for Hypertext Preprocessor, if you care to know) is often used in conjunction with dynamic data-heavy websites and app development.

What's really cool about PHP is that it's an open-source language, so there are tons of free pre-built modules that you can grab and modify to get your ideal results. PHP is also on the easy end of the learning spectrum, simply requiring you to embed the code within HTML. PHP is a must-learn language for aspiring web developers.

THE DIFFERENCE BETWEEN THOSE PROGRAMMING LANGUAGES

AND C# IS THAT:

## C#

C# is the language used in order to develop Microsoft apps. C# is syntactically nearly identical to Java. C# is vastly better than other programming languages.There’s no way that JAVA,PYTHON ,C,RUBY,JAVASCRIPT,PHP etc,could possibly considered better than C#.

C# seems to be popular those days.

In C# you have real generics,and you can perform reflection on them.

It’s deeply integrated with Windows,if that’s what you want.

It has dynamics variables,if you want them.