Dot .Net Framework:

Programming is set of code.

Framework is collection of tools, library, and resources.

.Net Support Language:

1. Visual Basic
2. C# Language
3. .Net environment
4. Window environment (Support Local application)
5. Web environment (web application – ASP.NET)
6. Console environment (Programming fundamental)

Console application:

1. File > new > project > Visual C# > Console Application >
2. Higher version Console App(.net framework) > next >

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

}

}

}

1. Using is representing library.
2. C++ is a partial object oriented.
3. Pure object oriented – **java, C#.**
4. Name space is representing program body.
5. Class is representing object oriented approach.
6. Main function direct execute by the complier.
   1. Complier
      1. Complier is used to grouping method.
      2. Complier is representing syntax error(;)
   2. Interpreter
      1. Programming is a series of valid instruction

a = 10

b = 10

c = a + b;

print(c) ;

a + b;

a = 10;

b = 20;

* + 1. Interpreter is used to step by step execution.
    2. Interpreter returning logical error.

Type of Complier:

* + On Complier – cannot used event handling, all time active in a program.
  + Off Complier – Work only for event, just in time complier.

C# statement:

1. Output statement:

All purple colour representing function.

Input Statement:

* Numerical input – int.perse()
* Decimal input – double.parse()
* String input – reading ()
* For input purpose - Console.readLine

Assignment 1

all Condition assignment convert in to C#.

Input Following information for the user:

Name

City

State

Mobile

College

Subject

M1 ….. m5

Total

Grade

Logic 1 – Calculate total if all subject mark greater than 40

Logic 2 – Check the following condition

Total > 250 grade A

Total > 150 and total < 250 B

Total > 100 and less than 150 < c

Otherwise fail

Assignment 2

Convert all looping assignment into C#.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

//Output statement

Console.WriteLine("Welcome");

int a, b, c;

Console.Write("Enter any first Number : ");

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

Console.Write("Enter any second number : ");

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

c = a + b;

Console.WriteLine("Sum : "+c);

//Decimal

double a1;

Console.Write("Any Number : ");

a1 = double.Parse(Console.ReadLine());

Console.WriteLine("The value of a1 : "+a1);

//String

string name;

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

name = Console.ReadLine();

Console.WriteLine("Name : " + name);

//Hold Output Screen

Console.ReadKey();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

// if else statement

int age;

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

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

if(age > 18)

{

Console.WriteLine("You can vote");

}

else

{

Console.WriteLine("Can not vote");

}

//Hold Outen

Console.ReadKey();

}

}

}