1. ­Write a program to get Output as “C# Introduction”?

namespace Assign1

{

class Program

{

static void Main(string[]orgs)

{

Console.WriteLine("C# Introduction");

}

}

}

//Output: C# Introduction

1. Fill the Missing Part. And Output should be “Hello World”?

static void (string[] args)

{

("Hello World!");

}

namespace Assign1

{

class Program

{

static void Main(string[]orgs)

{

Console.WriteLine("Hello World!");

}

}

}

//Output: Hello World!

1. What should I use to not execute “ The code below will print the words Hello World to the screen, and it is amazing”?

using System;

namespace HelloWorld

{

class Program

{

static void Main(string[] args)

{

The code below will print the words Hello World

to the screen, and it is amazing

Console.WriteLine("Hello World!");

}

}

}

//Output:

using System;

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

/\*The code below will print the words Hello World

to the screen, and it is amazing\*/

Console.WriteLine("Hello World!");

}

}

}

1. Create a string variable with your name?

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

string Fullname = "Karthik Mindi";

Console.WriteLine(Fullname);

}

}

}

1. Create a integer variable with output as 2560?

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

int x = 2560;

Console.WriteLine(x);

}

}

}

1. Overwrite 15 to 20 as output using datatype.

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

int x = 15;

x = 20;

Console.WriteLine(x);

}

}

}

1. Combine 18 and 25, and show output sum of the two?

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

int x = 18;

int y = 25;

Console.WriteLine(x+y);

}

}

}

1. Write one example on each datatype and show the output?

namespace Assign1

{

class Program

{

static void Main(string[] args)

{

int age = 18;

long number = 23664782474;

float fraction = 0.4F;

double points = 24.6;

bool result = true;

bool verify = false;

char single = 'D';

string Name = "Alpha";

Console.WriteLine(age);

Console.WriteLine(number);

Console.WriteLine(fraction);

Console.WriteLine(points);

Console.WriteLine(result);

Console.WriteLine(verify);

Console.WriteLine(single);

Console.WriteLine(Name);

}

}

}

1. Give One example using all operators and show the output?

namespace Assign1

{

class program

{

static void Main(string[] args)

{

int x = 40;

int y = 20;

x++;

y--;

Console.WriteLine(x+y);

Console.WriteLine(x/y);

Console.WriteLine(x);

Console.WriteLine(y);

Console.WriteLine(x == y);

Console.WriteLine(x != y);

Console.WriteLine(x==40 && y==20);

Console.WriteLine(x == 40 || y == 40);

}

}

}

1. Write one program on Bool operation and show output?

namespace Assign1

{

class program

{

static void Main(string[] args)

{

int x = 40;

int y = 20;

bool Iamkarthik = true; //out put True

bool Iamnotkarthik = false; //out put false

Console.WriteLine(x>y); //out put True

Console.WriteLine(Iamnotkarthik); //out put false

}

}

}

1. How can I declare a constant value to any variable name? with example.

Ans: Const int x = 43

1. What is identifier in below program?

using **System**;

namespace **MyApplication**

{

class **Program**

{

static void **Main**(string[] **args**)

{

int **minutesPerHour** = 60;

int **m** = 60;

Console.**WriteLine**(minutesPerHour);

Console.**WriteLine**(m);

}

}

}

1. What is difference between float and double, with one example each?

Float and double are data types in programming that have the ability to store decimal or floating-point​ numbers

Float size – 4 bytes – stores fractional numbers 6 to 7 digits will store

Double size – 8 bytes - stores fractional numbers 15 digits will store

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

float single = 1.1234567F;

double digits = 1.123456789123678;

Console.WriteLine(single);

Console.WriteLine(digits);

}

}

}

1. What is the output for below?

using System;

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

int x = 5;

int y = 2;

Console.WriteLine(x % y);

}

}

}

Ans: 1

1. What is string Concatenation, give me with one example.

Concatenation is the process of appending one string to the end of another string (Put Strings together)

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

string firstName = "Karthik ";

string lastName = "Vamsi";

string fullName = (firstName+lastName);

Console.WriteLine(fullName);

}

}

}

1. Which of the following are NOT Relational operators in C#.NET?

>=

!=

Not

<=

<>=

A. 1, 3

B. 2, 4

**C. 3, 5**

D. 4, 5

E. None of these

1. Which of the following statements are correct about the following code snippet?

int a = 10;

int b = 20;

bool c;

c = !(a > b);

There is no error in the code snippet.

An error will be reported since ! can work only with an int.

A value 1 will be assigned to c.

A value True will be assigned to c.

A value False will be assigned to c.

A. 1, 3

B. 2, 4

C. 4, 5

D. 1, 4

E. None of these

1. What is the expected output?

using System;

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

int x = 5;

x \*= 3;

Console.WriteLine(x);

}

}

}

Ans: 15

1. Write the output?

using System;

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

int x = 12;

Console.WriteLine(x > 3 || x < 14);

}

}

}

Ans: True

1. What is output?

string firstName = "John ";

string lastName = "Doe";

string name = string.Concat(firstName, lastName);

Console.WriteLine(name);

Ans: John Doe