

# Workshop on C# Programming: Learn to Build

Date :

Day 1 - 26, October 2018

Day 2 - 2, November 2018

Day 3 - 9, November 2018



Sponsored by:



Young Engineers Society

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East West University  
Computer Programming Club

**C#**

Day 2

Lecture11: Class

# Class: Define

```
class first
{
    public static int number1;
    public int number2;
    public int show()
    {
        return number1+number2;
    }
}
```

# Class: Define

```
public class Person
{
    public string Name { get; set; }
    public int Age { get; set; }
    public Person(string name, int age)
    {
        Name = name;
        Age = age;
    }
}
```

# Class: Instance

```
class Program
{
    static void Main()
    {
        Person person1 = new Person("Leopold", 6);
        Console.WriteLine("person1 Name = {0} Age = {1}", person1.Name,
            person1.Age);
        Person person2 = person1;
        person2.Name = "Molly"; person2.Age = 16;
        Console.WriteLine("person2 Name = {0} Age = {1}", person2.Name, person2.Age);
        Console.WriteLine("person1 Name = {0} Age = {1}", person1.Name, person1.Age);
        Console.WriteLine("Press any key to exit.");
        Console.ReadKey();
    }
}
```

# Class: Static Keyword

```
class Program
{
    static void Main(string[] args)
    {

        first f = new first();
        f.number2 = 20;
        first.number1 = 100;
        Console.WriteLine( f.show());

    }
}
```

# Class: Namespace

```
namespace Class_2nd_Batch
{
    class MyClass {
        public int a ;
        public static int b = 20;
        public void Show()
        {
            Console.WriteLine(a+b);
        }
    }
}
```

# Class: Constructor

```
class Program
{
    static void Main(string[] args)
    {
        MyClass obj = new MyClass();
        MyClass.b = 200;
        obj.a = 100;
        obj.Show();
        MyClass obj1 = new MyClass();
        obj1.a = 20;
        obj1.Show();
        Console.ReadKey();
    }
}
```



This slide is provided as a course material in the workshop named  
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Organized by-  
East West University Computer Programming Club (EWUCoPC)

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