

C# Classes and Objects Interview Questions Pdf

Question: 1

Define constructor?

A constructor is a special method declared in a class to initialize the fields at the time of the creation of an instance/object of a class.

It is a special method because the name of the method is same as that of class name.

Question: 2

Define destructor?

A destructor is a mechanism to release the resources when an object is reclaimed by the garbage collector.

The name of the destructor is the same as the class name and is preceded by a tilde (~).

Question: 3

What is called default constructor?

A public parameter less constructor called default constructor. It returns a default values for the value type.

Question: 4

Define static members and methods?

The members declared with the keyword static is called as static members. It is also called as class variables. These variables are used when we want to have a variable common to all instances of a class.

The methods declared with the keyword static is called as static methods. It is also called as Class methods. It can be called without using the object. They are also available for use by other classes.

Question: 5

What is called Field and Methods?

Fields : Variables declared in the class. to hold data.

Methods : Function members defined in the class. Used to implement the computations and actions to be performed.

Question: 6

Explain about this reference?

The keyword this is used as a reference of a current class. The mechanism of accessing the current object is obtained is using this reference.

Question: 7

What are the features of the constructor?

The constructor may be static or non static.

The name of the constructor is the class name itself.

The constructor does not return any value and hence does not have a return type.

The formal parameters define the signature of the constructor.

Question: 8

What are the features of destructor?

The name of the destructor is same as the class name.

The name is preceded by ~ (tilde).

Destructors always public.

There are no Parameters in the signature.

There is no return Type in the destructor.

Question: 9

What are the Restrictions of Static Methods?

Static methods can only call other static methods.

Static methods can only access static data.

Static methods can not refer to this or base in any way.