.NET > C#.NET > OOP

Methods of System.Object Class

- by Harsha Vardhan

Methods of System.Object Class

- **bool Equals(object value)**

  - Compares the current object with the given argument object; returns true, if both are same objects; returns false, if both are different objects.

- **int GetHashCode(object value)**

  - Returns the memory address of the address, to which the reference variables refers-to.

- **Type GetType( )**

  - Returns the name of the class (including namespace path), based on which, the object is created.

- **string ToString( )**

  - By default, it returns the name of the class (including namespace path), based on which, the object is created.

  - It is virtual method, which can be overridden in the child class.

System.Object Class [Pre-defined]

```
namespace  System
{
    class  Object
    {
        bool  Equals( object  value );
        int  GetHashCode( );
        Type  GetType( );
        string  ToString( );
    }
}
```