IEquatable

What

› The **System.IEquatable<T>** interface has a method called "Equals", which determines whether the current object and parameter object are logically equal or not, by comparing data of fields.

› It can be implemented in the class to make the objects comparable.

› It is useful to invoke **List.Contains** method to check whether the object is present in the collection or not.

---

interface System.IEquatable<T>

```
public interface IEquatable<T>
{
        bool Equals(T other);
}
```

Implementation of IEquatable interface

```
public class  ClassName : IEquatable<ClassName>
{
    public  bool  Equals(ClassName other)
    {
        return  this.field1 == other.field1  &&  this.field2 == other.field2;
    }
}
```