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Interface Inheritance

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Interface Inheritance

- If an interface inherits from another interface, we call it as "Interface Inheritance".
- The child class that implements the child interface must implement all the members of both parent interface and child interface too.

Interface Inheritance – Syntax

```
interface  Interface1
{
    public void Method1(param1, param2, …);
}
interface  Interface2 : Interface1
{
    public void Method2(param1, param2, …);
}
class  ChildClass : Interface2
{
    public void Method1(param1, param2, …)
    {
    }
    public void Method2(param1, param2, …)
    {
    }
}
Interface1  c1 = new ChildClass( );
c1.Method1(…);  //calls ChildClass.Method1
Interface2 c2 = new ChildClass( );
c2.Method1(…);  //calls ChildClass.Method1
c2.Method2(…);  //calls ChildClass.Method2
```