.NET > C#.NET > OOP

Abstract Methods

- by Harsha Vardhan

Abstract Methods

- Abstract Methods contain "method declaration" only; but not "method body".
- Abstract methods are declared in parent class, with "abstract" keyword; implemented in child classes, with "override" keyword.
- Child class must provide method body for abstract methods.

Parent Class [Abstract Class]

```
abstract class AbstractClassName
{
    AccessModifier abstract ReturnDataType MethodName(param1, …);
}
```

Child Class of Abstract Class

```
class ChildClassName : AbstractClassName
{
    AccessModifier override ReturnDataType MethodName(param1, …)
    {
    }
}
```

Example: