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Methods

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What is Method

- Methods are functions (collection of statements), to do some process based on fields.
- Methods are logically related to object.

Method Declaration Syntax

- 1. private
- 2. protected
- 3. private protected
- 4. internal
- 5. protected internal
- 6. public

- 1. static
- 2. virtual
- 3. abstract
- 4. override
- 5. new
- 6. partial
- 7. sealed

Access Modifiers of Methods

Access Modifier	In the same class	In the child classes at the same project	In the other classes at the same project	Child classes at other projects	Other classes at other projects
private	Yes	No	No	No	No
protected	Yes	Yes	No	Yes	No
private protected	Yes	Yes	No	No	No
internal	Yes	Yes	Yes	No	No
protected internal	Yes	Yes	Yes	Yes	No
public	Yes	Yes	Yes	Yes	Yes