**Snippet 12 — Access Modifiers on Properties**

* **Code Recap**

public class MyClass

{

    public string MyProperty { get; set; }

    public int OtherProperty { get; private set; }

}

**Theory**

* You can apply **different access modifiers** to get and set.
* Here:
  + OtherProperty → get is **public**, so anyone can read.
  + set is **private**, so only the class itself can assign.
* Useful for **read-only properties** that are only updated internally.

Example:

public int Id { get; private set; } = 1001;

**Snippet 13 — Custom Read-only Properties**

* **Code Recap**

public class MyClass

{

    public string MyProperty => "VALUE";

    public string MyPropertyA

    {

        get { return "VALUE"; }

    }

}

**Theory**

* These are **read-only properties**:
  + => syntax → expression-bodied property (shorter).
  + get { return ... } syntax → full property.
* Both return "VALUE" whenever accessed.
* Great for calculated or constant-like values.

Example:

public string FullName => $"{FirstName} {LastName}";

**✅ Quick Wrap-Up**

* **Snippet 12**: showed **access modifiers** on properties (public get, private set).
* **Snippet 13**: showed **custom logic** in get (returning a fixed value or calculation).