Solution Review: Override a Method in the Derived Class

This review provides a detailed analysis to solve the 'Override a Method in the Derived Class' challenge.

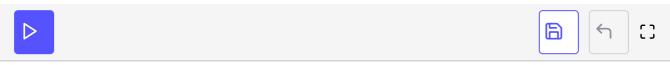
WE'LL COVER THE FOLLOWING ^

- Solution
 - Explanation

Solution

```
// Base Class
class Product {
  // Private Data Members
  private string _className;
  public Product() { // Default Constructor
        this._className = "Product";
  // Getter Function
  public virtual string GetName() {
    return this._className;
}
// Derived Class
class XProduct : Product {
  private string _className;
  public XProduct(string className) { // Default Constructor
    this._className = className;
  // Overriden Method
  public override string GetName() {
    return base.GetName() + ", " +this._className;
}
```

```
class Demo {
  public static void Main(string[] args) {
    Product beverage = new XProduct("Beverage");
    Console.WriteLine(beverage.GetName());
  }
}
```



Explanation

• Line 29: The base keyword is used to call the Base Class method GetName(). With the help of the base keyword, the method returns the base class name. Then we append the derived class name to it and return the string.