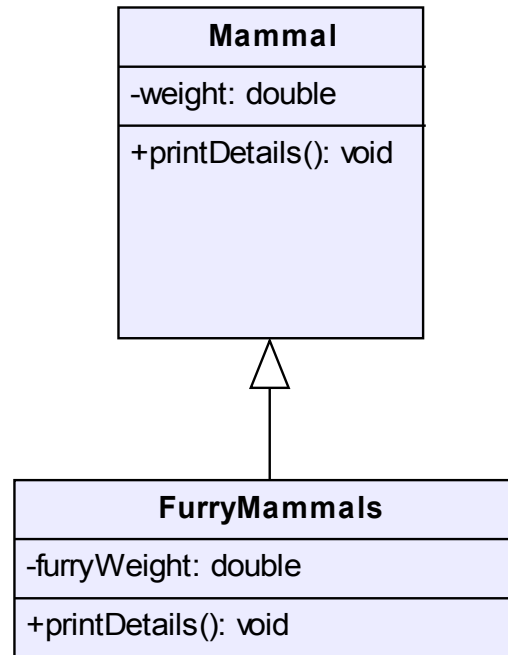


Overriding Methods

Overriding Methods

- Methods overriding takes place when a subclass includes a specific implementation of a method that was already declared within one of the super classes.
- The implementation within the subclass overrides (replaces) the inherited implementation from the super class.

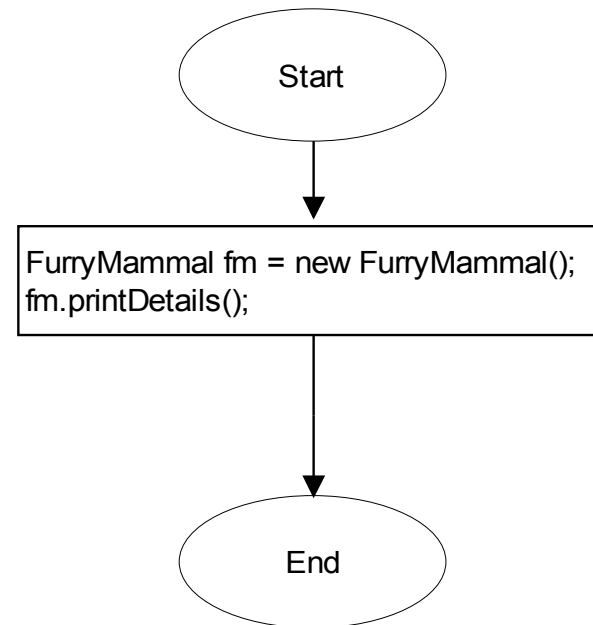
Overriding Methods



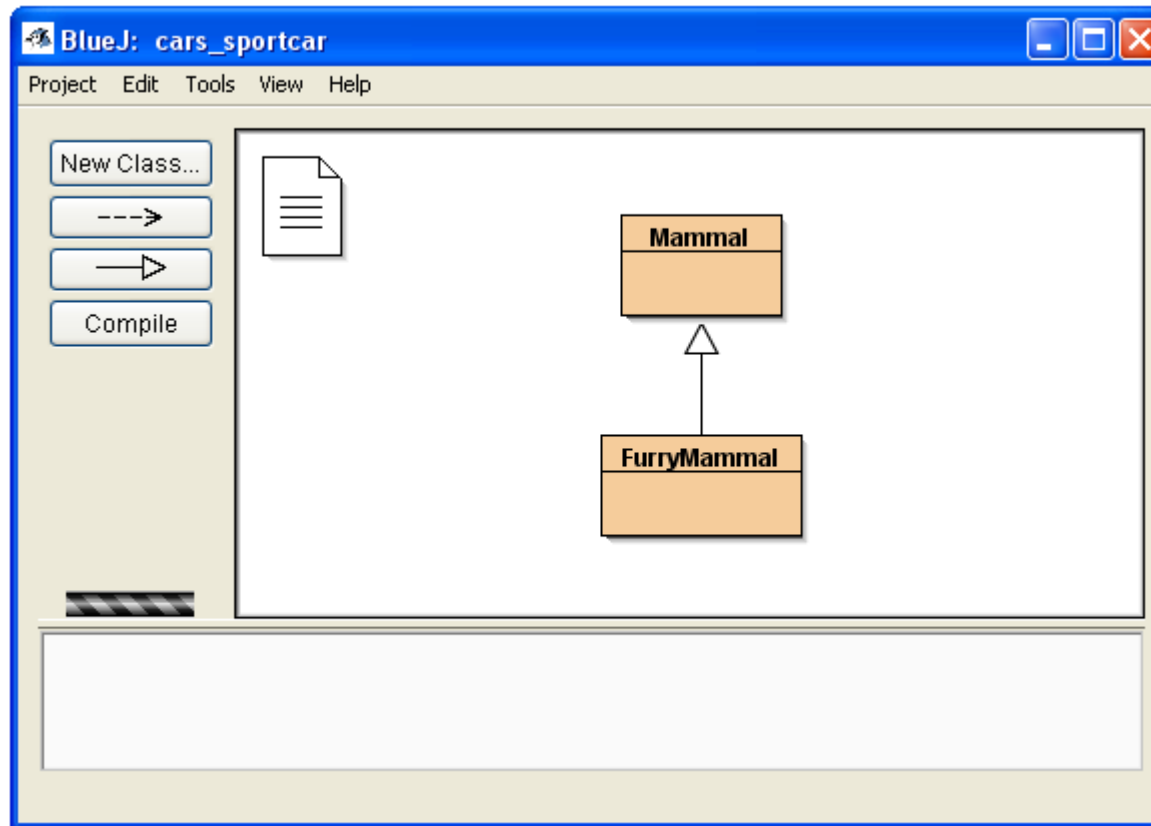
Overriding Methods

```
class Mammal
{
    private double weight;
    public void printDetails()
    {
        System.out.println("Mammal");
    }
}

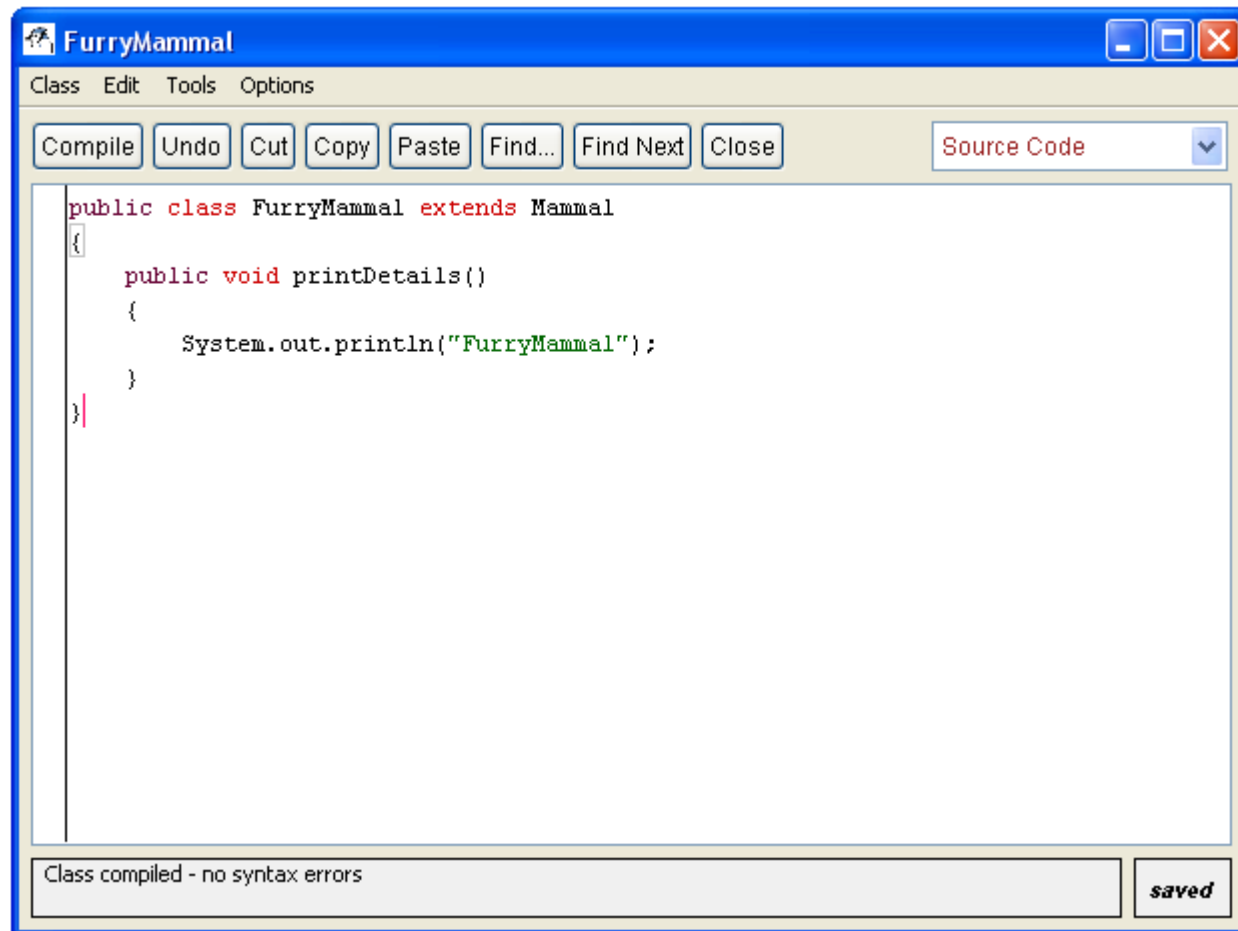
class FurryMammal extends Mammal
{
    public void printDetails()
    {
        System.out.println("Furry Mammal");
    }
}
```



Overriding Methods



Overriding Methods



The screenshot shows a Java IDE window titled "FurryMammal". The window has a menu bar with "Class", "Edit", "Tools", and "Options". Below the menu bar is a toolbar with buttons for "Compile", "Undo", "Cut", "Copy", "Paste", "Find...", "Find Next", and "Close". There is also a "Source Code" dropdown menu. The main text area contains the following Java code:

```
public class FurryMammal extends Mammal
{
    public void printDetails()
    {
        System.out.println("FurryMammal");
    }
}
```

At the bottom of the window, there is a status bar that says "Class compiled - no syntax errors" and a "saved" button.