

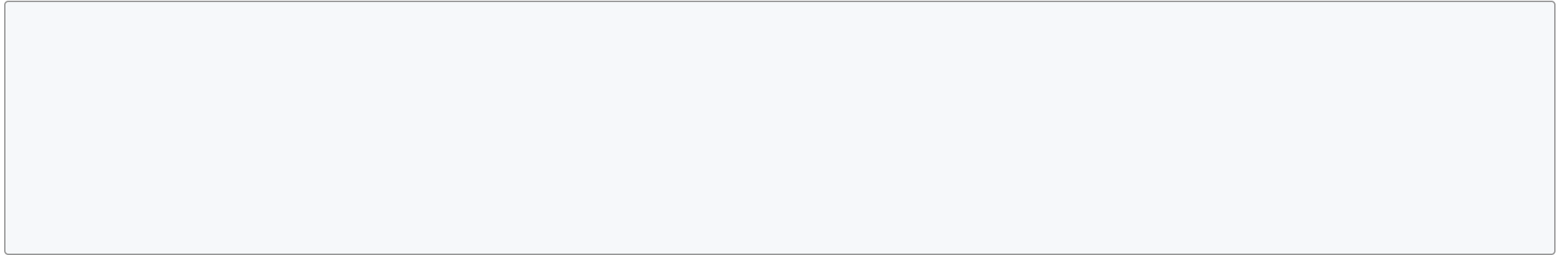
Inheritance graph

In this lab we want to record the class inheritance relationship, or when one class extends another class.

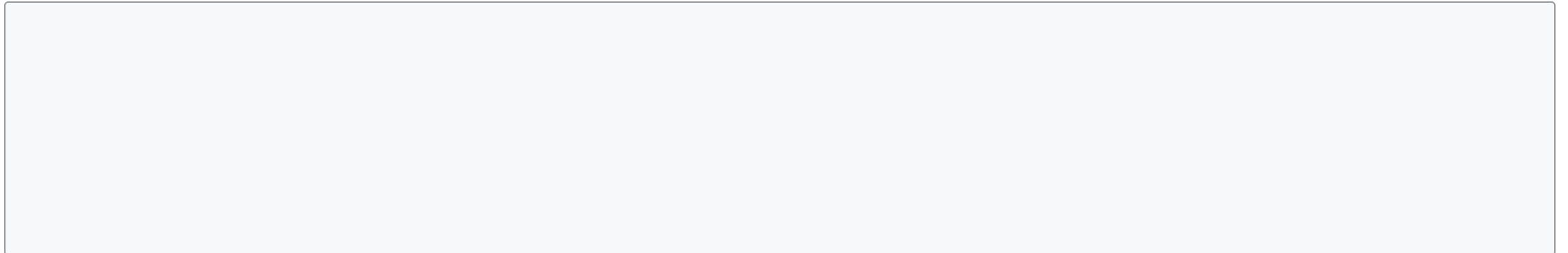
```
class Bar() extends Foo() { }  
class Baz() extends Foo() { }
```

Naive approach

Use a map where key is `Bar` , `Baz` and value is `Foo`

A large, empty rectangular box with a light blue background and a thin grey border, intended for a diagram or code.

To get classes that extend class `Foo` , i.e. `Bar` & `Baz` we need to invert the map

A large, empty rectangular box with a light blue background and a thin grey border, intended for a diagram or code.

How to use tables

- To get class that `Bar` extends: `table.getOrElse('Bar', 'Any')`
- To get classes that extend `Foo`: `inverted.getOrElse('Foo', List())`