

mysuperclass

```
classDiagram
    class mysuperclass
    class mysubclass1 {
        x
        y
    }
    class mysubclass2 {
        u
        v
        f
    }
    mysubclass1 --|> mysuperclass
    mysubclass2 --|> mysuperclass
```

A UML class diagram illustrating inheritance. At the top is the superclass *mysuperclass* in a rounded rectangle. Below it are two subclasses, *mysubclass1* and *mysubclass2*, each in a rectangle divided into a header and a body. *mysubclass1* has attributes *x* and *y*. *mysubclass2* has attributes *u*, *v*, and *f*. A horizontal line connects the two subclasses, with vertical lines extending upwards from each to a central point. From this point, a vertical line with an open triangle arrowhead points up to the *mysuperclass* box, indicating that both subclasses inherit from the superclass.

mysubclass1

x

y

mysubclass2

u

v

f