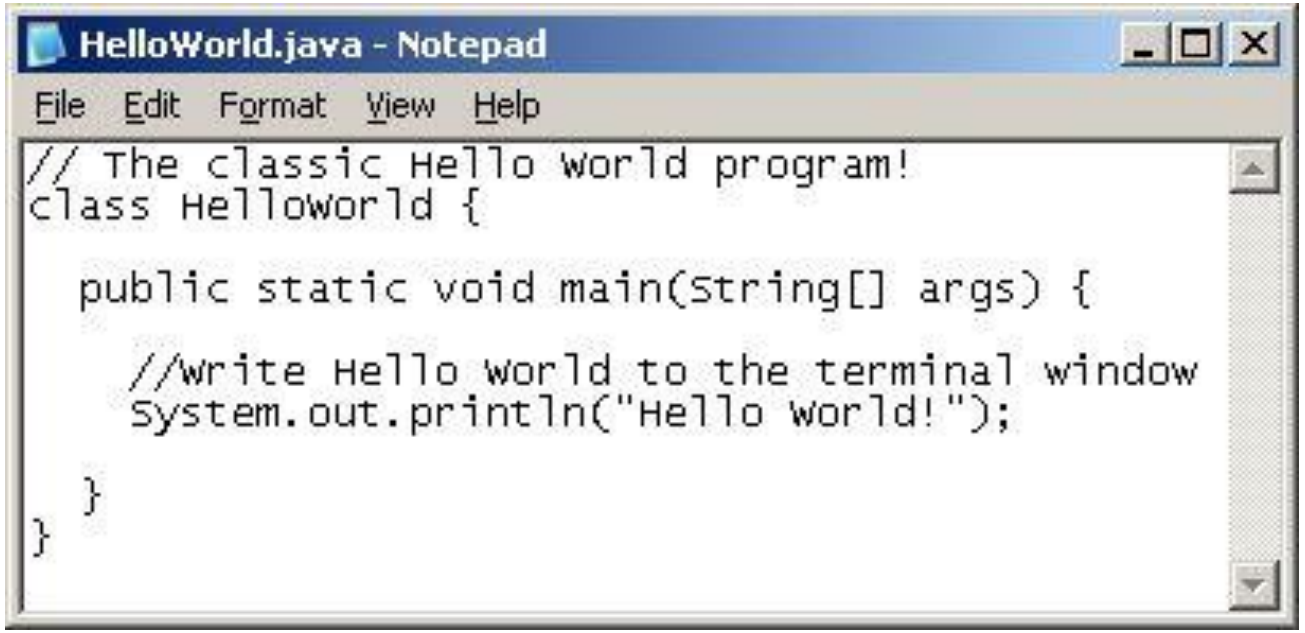
Writing Java Code



Writing Java Code

- Code in the file xyz.java is the ***source code*** of the program.
- It must be written with an editor that produces plain text. Use Notepad++, or some Java editing tool like Eclipse on Windows and gedit, vi or emacs or Eclipse on Linux
- All java code must be in a ***class***
- Class names start with a capital letter (not checked by the compiler, but good rule anyway)
- The *file name* matches the *class name* of the class defined in the file (not checked by the compiler, but good rule anyway)

Chap 2.1

Class Syntax

modifiers class *name attributes* {
    contents
}

I will use black italics for replaceable things

and green non-italics for keywords and literal symbols

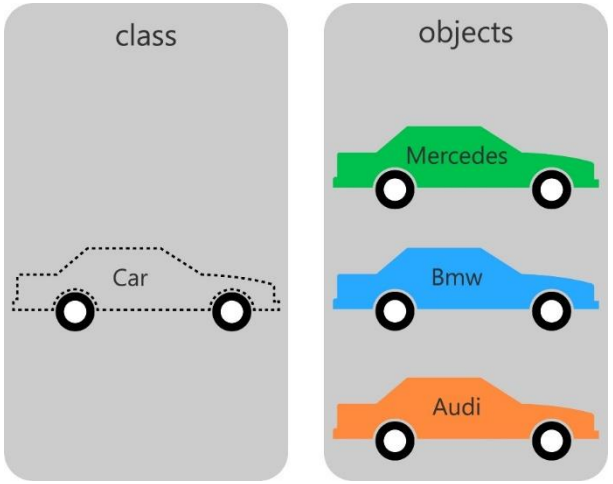
For example:

```
class HelloWorld {
    // class HelloWorld contents…
}
```

Example Class: Car

How Cars are Described

- Make
- Model
- Year
- Color
- Owner
- Location
- Mileage



Actions that can be applied to cars

- Create (build at factory)
- Sell (transfer ownership)
- Locate (find current location)
- Drive (move to a new location)
- Repaint