Errors

Mr. Poole
Java

Errors are inevitable!

Errors cause other errors!

Errors hide errors!

Errors just suck.

What is an error?

1. Syntax!
   a. Typos, missing quotes/parentheses, semicolon
2. Wrong data type!
   a. Assigning an integer to a string
3. Memory loss
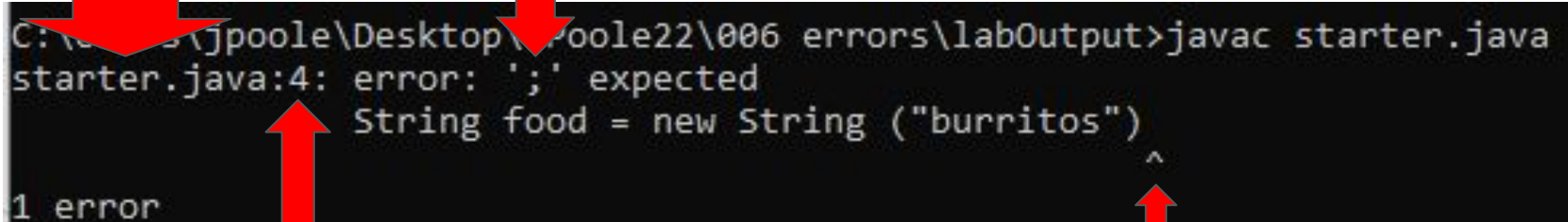4. Much much more.
   a. Compile vs runtime errors

Process to fixing errors

1. Look at the first error you have
   a. Scroll up
2. Fix that one error
3. Save
4. Recompile
5. Run
6. Start back at step 1.

What it looks like

File name of error

What your error may most likely be

```
C:\...s\jpoole\Desktop\...Poole22\006 errors\labOutput>javac starter.java
starter.java:4: error: ';' expected
                String food = new String ("burritos")
                                                     ^
1 error
```

This shows what line your error is on.

Carrot shows you <u>about</u> where your error is

Error Lab

1. Take one error at a time
2. Fix all errors in the given starter.java
3. Start by running the labOutput to check what your output should look like.
4. Match outputs with 0 errors.