

Debugging & Strategies

- Debug code

 Examine the code to figure out what went wrong, and remove errors from the code
- Do not make random or extensive changes to the program!
- Think before you change anything
- Figure out why it went wrong

Reacting to Errors

- Always address the first error listed in the compiler output before addressing the other errors.
- Always recompile after making changes to code because fixing one error will often fix other errors as well.

```
000
                                 HelloWorld.java
            A HelloWorld

⇒ HelloWorld 

No Selection

         public class HelloWorld {
              public static void main(String[] args) }
                    System.out.println("Hello World!");
                            Desktop — -zsh — 84×12
[ginabai@MacBook-Air-104 Desktop % javac HelloWorld.java
HelloWorld.java:2: error: ';' expected
    public static void main(String[] args) }
HelloWorld.java:3: error: class, interface, enum, or record expected
        System.out.println("Hello World!");
HelloWorld.java:4: error: class, interface, enum, or record expected
                                            Compiler Output
3 errors
ginabai@MacBook-Air-104 Desktop % 📗
```

