

```
kylesunga — -zsh — 80x24
Last login: Sat Jan 27 17:47:44 on ttys000
kylesunga@kyles-MacBook-Air ~ % java -- version
Unrecognized option: --
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
kylesunga@kyles-MacBook-Air ~ % java --version
java 21.0.2 2024-01-16 LTS
Java(TM) SE Runtime Environment (build 21.0.2+13-LTS-58)
Java HotSpot(TM) 64-Bit Server VM (build 21.0.2+13-LTS-58, mixed mode, sharing)
kylesunga@kyles-MacBook-Air ~ %
```

Java version.

```
kylesunga — -zsh — 80x24
Last login: Sun Jan 28 17:30:07 on ttys008
kylesunga@kyles-Air ~ % echo $JAVA_HOME
/Library/Java/JavaVirtualMachines/jdk-21.jdk/Contents/Home
kylesunga@kyles-Air ~ %
```

Echo java home

The screenshot shows an IDE with the following components:

- EXPLORER:** A sidebar on the left showing a project named "WEEK1" with files: `HelloWorld.class`, `HelloWorld.java`, `HelloWorld2.class`, and `HelloWorld2.java`.
- EDITOR:** The main workspace displays the code for `HelloWorld2.java`. The code is as follows:

```
1 public class HelloWorld2 {  
2     public static void main(String[] args) {  
3         for(String s : args)  
4             System.out.println("String argument: " + s);  
5     }  
6 }  
7  
8  
9  
10
```
- TERMINAL:** A terminal window at the bottom shows the execution of the program:

```
kylesunga@kyles-Air week1 % javac HelloWorld2.java  
kylesunga@kyles-Air week1 % java HelloWorld2 these are string arguments  
String argument: these  
String argument: are  
String argument: string  
String argument: arguments  
kylesunga@kyles-Air week1 %
```
- STATUS BAR:** The bottom status bar indicates the current file is `main*`, with 0 errors, 0 warnings, and 0 info messages. It also shows the cursor is at line 5, column 13, with 4 spaces, using UTF-8 encoding, LF line endings, and the Java language.

String arguments



Hello world terminal

The screenshot shows an IDE with the following components:

- Editor:** Displays `HelloWorld2.java` with the following code:

```
26 // Print personalized greeting using command line arguments
27 System.out.println("Hello " + concatenateArgs(args)); // Nice work processing the arguments!";
28
29 } else {
30 // print a message if no name is provided as a command line argument
31 MyWallpaper System.out.println(x:"Please provide your name as a command line argument.");
32 }
33
34
35 // Helper method to concatenate command line arguments into a single string
36 private static String concatenateArgs(String[] args) {
37     StringBuilder result = new StringBuilder();
38     for (String arg : args) {
39         result.append(arg).append(" ");
40     }
41     return result.toString().trim();
42 }
43
44 }
```

Annotations in the code include a blue box around line 27, a red box around line 31, and a purple box around line 39. A "NEW" badge is visible on the left side of the editor.
- Terminal:** Shows the execution of the program:

```
kylesunga@kyles-Air week1 % javac HelloWorld2.java
kylesunga@kyles-Air week1 % java HelloWorld2 Kyle Sunga

System Properties:
Java Class Path: .
Java Home: /Library/Java/JavaVirtualMachines/jdk-21.jdk/Contents/Home
Java Version: 21.0.2
OS Architecture: aarch64
OS Version: 14.1.1
Current Working Directory: /Users/kylesunga/Desktop/CSI/computer science 2/CSCI165-Spring24-kyle_sunga/week1
User Home Directory: /Users/kylesunga
User Account Name: kylesunga
Hello Kyle Sunga. Nice work processing the arguments!
kylesunga@kyles-Air week1 %
```
- Background:** The IDE has a dark theme with a purple and blue abstract background. Various application icons are visible in the background, including Spotify, Microsoft Teams classic, and OneDrive.

Helloworld2 terminal



java fx