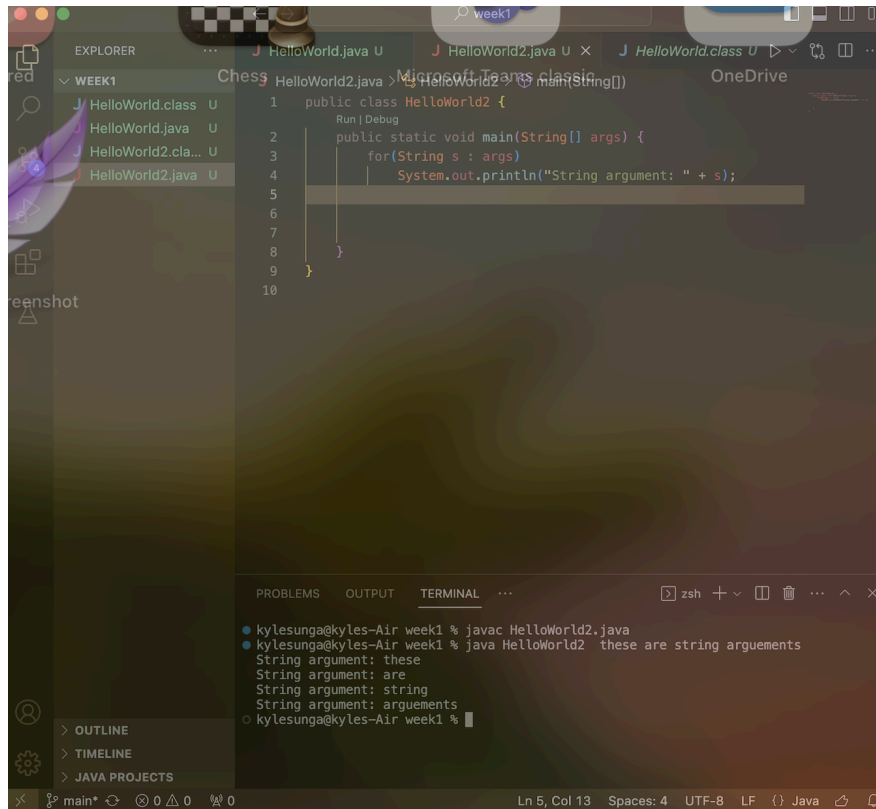


```
kylesunga — -zsh — 80x24
Last login: Sat Jan 27 17:47:44 on ttys000
kylesunga@kyles-MacBook-Air ~ % java -- version
Unrecognized option: --
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
kylesunga@kyles-MacBook-Air ~ % java --version
java 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 window 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*`, line 5, column 13, with 4 spaces, UTF-8 encoding, LF line endings, and the Java language.

String arguments



Helloworld terminal

The screenshot shows an IDE with a dark theme. The top toolbar includes icons for Spotify, MyWallpaper, Structured, Chess, Microsoft Teams classic, and OneDrive. The main editor displays the code for `HelloWorld2.java`. A blue box highlights the `System.out.println("Hello " + concatenateArgs(args));` line. The code includes a `concatenateArgs` method that uses `StringBuilder` to concatenate command-line arguments. The bottom panel shows the `TERMINAL` tab with the following output:

```
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 %
```

Helloworld2 terminal