

Philip Pesic

Week 12

April 9 2023

Week 12 Prog 6

Watch these videos first.

Buckys Java Programming Tutorials - 33 - Multidimensional Arrays

<https://www.youtube.com/watch?v=ctab5xPv-Vk>

Write a summary

Write and run the code

```
package Prog6;

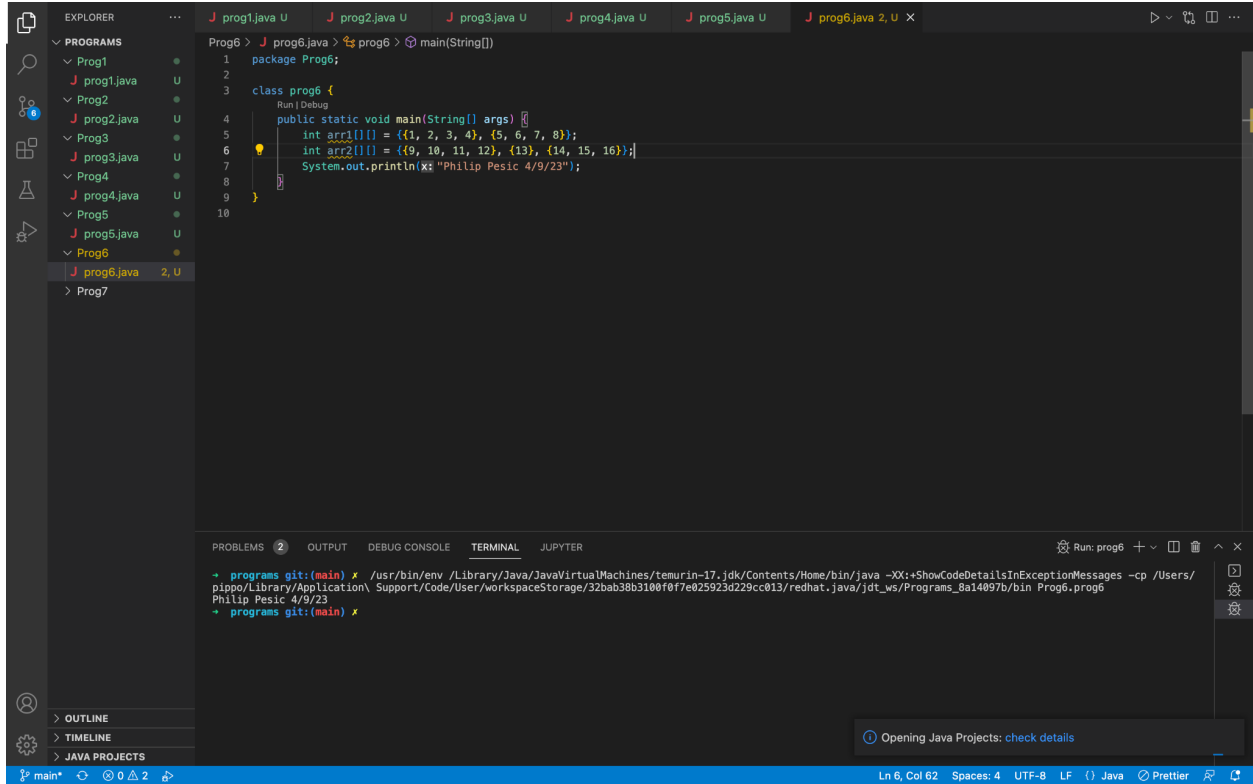
class prog6 {
    public static void main(String[] args) {
        int arr1[][] = {{1, 2, 3, 4}, {5, 6, 7, 8}};
        int arr2[][] = {{9, 10, 11, 12}, {13}, {14, 15, 16}};
        System.out.println("Philip Pesic 4/9/23");
    }
}
```

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The screenshot shows an IDE with a project named 'Prog6'. The Explorer panel on the left lists several Java files, with 'prog6.java' selected. The main editor displays the following Java code:

```
1 package Prog6;
2
3 class prog6 {
4     public static void main(String[] args) {
5         int arr1[][] = {{1, 2, 3, 4}, {5, 6, 7, 8}};
6         int arr2[][] = {{9, 10, 11, 12}, {13}, {14, 15, 16}};
7         System.out.println("Philip Pesic 4/9/23");
8     }
9 }
10
```

The code is annotated with 'Run | Debug' and a yellow lightbulb icon. The Terminal panel at the bottom shows the execution output:

```
+ programs git:(main) * /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCodeDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support/Code/User/workspaceStorage/32bab38b3100f0f7e025923d229cc013/redhat.java/jdt_ws/Programs_8a14097b/bin Prog6.prog6
Philip Pesic 4/9/23
+ programs git:(main) *
```

A notification at the bottom right states 'Opening Java Projects: check details'. The status bar at the bottom indicates 'Ln 6, Col 62', 'Spaces: 4', 'UTF-8', 'LF', 'Java', and 'Prettier'.

I learned how 2d array assignment works