



Lab 02: Aligned Arrays

In this lab you'll be further exploring return types, and how to use aligned arrays.

Exercises

You'll be dealing with 3 aligned arrays. You'll need to create, populate and traverse them. They hold information about what colors your new editor prefers, specifically the color's name, hex code and if the editor likes it.

- 1) Find the comment "`//instance variables`" at the top of the class. Here you need to declare 3 `public static` arrays: a `String` array called `color`, another `String` array called `hex`, and a `boolean` array called `isLiked`.

ONLY DECLARE!!! Do NOT Instantiate them!!!

- 2) Now you need to populate these 3 arrays. Use 3 different loops to scan in the in the information and save them in the appropriate indexes.

Now we're ready to use these arrays. **DO NOT** continue until the test classes say part 1 and 2 are correct.

- 3) Ask the user for an integer from 0 to 21. Then print out that color's name, hexadecimal code and if the editor likes it.
- 4) Build and return a `String` that lists the colors the editor prefers. There should be commas, but no extra comma or space after the last color.

Example:

`Red, LightRed, Green, Grey`

- 5) Ask the user for a color, then return the hex code without the #. The user's case should not matter. If the color is not on the list stat:

`That color is not on the list.`

Continue...



Exercises

- 6) Return the number of colors the editor prefers.
- 7) You just got a new editor... again... And their taste in color is the exact opposite of the previous editor's. Ugh... Change all the elements of `isLiked` and return a list of colors your new editor likes. Formatting should be the same as in #4.

Hint: If #4 works correctly, you can use this as the return command.

```
return problem04();
```

Continue...



Exercises

Additional Stuff



Exercises



Continue...