

launch code

- Codergirl – WebDev Unit
 - Class 3
- March 17, 2021

Agenda

- Kahoot
- Studio review
- Strings and Arrays
- Coding and Exercises
- Studio



Graded Assignment #1

Candidate Testing

- Ask candidate to enter their name
- Use a loop to ask 5 questions
- Check answers for accuracy
- Calculate and display results
- Do each part in order

Studio review

Goal Setting and Getting into the Right Mindset

Your goals for taking this class. You probably have many reasons why this class is something you want to complete. Please share 1 to 2 of your goals and keep them SMART!

Your goals for your career.

How does this class assist you in your career and where do you want to go?

Please share 1 to 2 goals for your career.

Your inspirational statements.

This can be anything that motivates you from stories to quotes to ideas. Please share 1 to 2.

After the studio, make sure to write your goals and inspirational statements somewhere where you will regularly see them!

Last Week Q&A

Questions?

- .Booleans
- .Logical operators
- .Conditionals



Review - Collections

- .Collections
- .Data types that bind data together
- .Every language has them
- .Different collection types have different use cases

- .JS collections for now:
- .Strings
- .Arrays



Review - Strings

- .Strings == text

- .Collection of characters

- .'char' data type doesn't exist in JS

- .**Ordered collection** – items (characters) are stored in a specific order

- .Each character can be accessed by index

- .**Immutable** – Data cannot be changed

Review – Using Strings

- .Bracket Notation
- .thisIsAString[3] == 's'
- .Always start from zero**

- .String concatenation
- .const name = 'Mike'
- .'Hello, ' + name

- .Template literal
- .const name = 'Mike'
- .'Hello, \${name}'



Review – Strings as Objects

- .Object – Collection of related data and operations
- .Method – Operation that can be carried out on objects
- .String methods
 - .Allow us to carry out operations with string values
 - .Does not change a stored value
 - .Can save return to a new variable

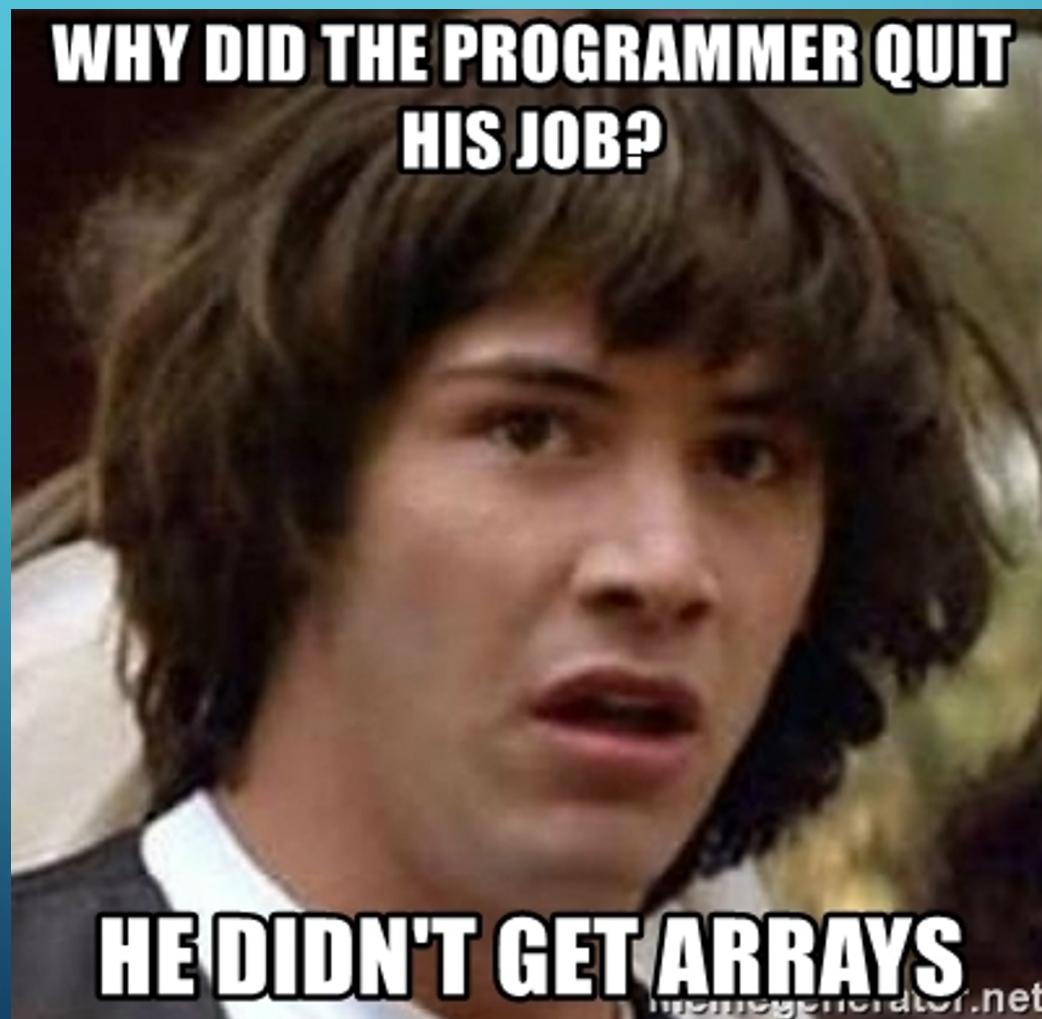
Review – Arrays

- .Ordered collection for all datatypes and objects
- .Arrays can hold multiple types of data at one time
- .Length is not fixed
- .Mutable** - Can change and remove stored data

- .Arrays are objects
- .Methods can return or alter data

Review – Multi-Dimensional Arrays

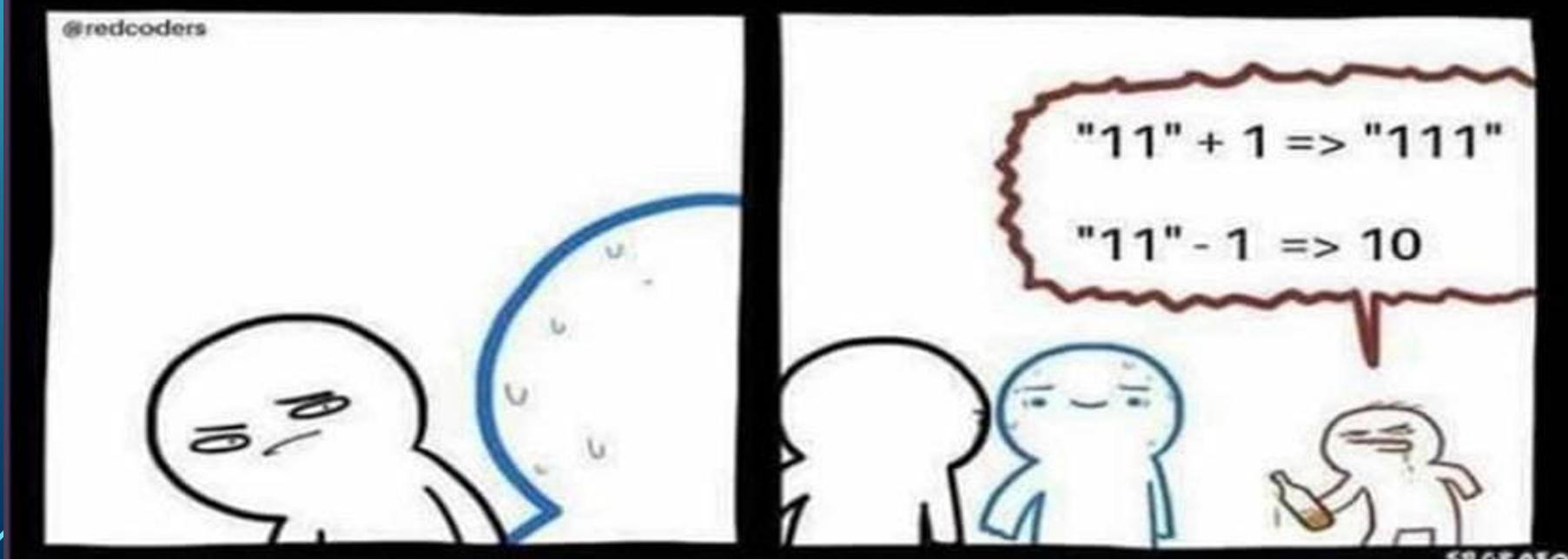
- Arrays in arrays
- Access data via bracket notation



Review – Strings and Arrays

Questions?

Live Coding



Now

- Find your group Zoom Studio
- Prep for next week
- Studio Review
- WEDNESDAY

