

Gold Badge Day 3

Goals for Today

Day 03

- Loops
 - Incrementers & remainders
 - Adding to Array
- Fizz Buzz
 - Declaring Variables
 - Conditionals
- Git Version Control - My First Push!

Announcements

- Terminal Dungeon - Due Tonight at Midnight
- Complete Week 2 Videos by Saturday Morning
- Guest Speaker Tomorrow

Pop Quiz

Which One Doesn't Belong?

Day 03

// A.

```
var food = "Apple"
```

// B.

```
let movie = "Daddy Daycare" I
```

// C.

```
const city = "Houston"
```

// D.

```
declare state = "Indiana";
```

What Javascript Tool

To determine the Length of a String?

```
var food = "Apple"
```

```
console.log(food.)
```

A. .toString()

B. .theLength()

C. .length

D. .howLongAreYou

What will we log?

Line 36

```
32  
33   let today = "Monday";  
34   console.log(today);  
35   today = "Tuesday";  
36   console.log(today);  
37   today = "Friday";  
38
```

- A. Monday
- B. Tuesday
- C. .Saturday
- D. Friday

What Will This Console Log

```
let myAge = 40;  
  
if (myAge === "40") {  
  console.log("You are Old");  
} else {  
  console.log("You are Young");  
}
```

- A. You Are Old
- B. You Are Young
- C. Nothing
- D. Don't Know

Breakout Stations

Group Learning

Math

$$\begin{array}{r} 10 \\ 2 \overline{) 21} \end{array}$$

Math

10 R1

2

21

Math

10 R0

2

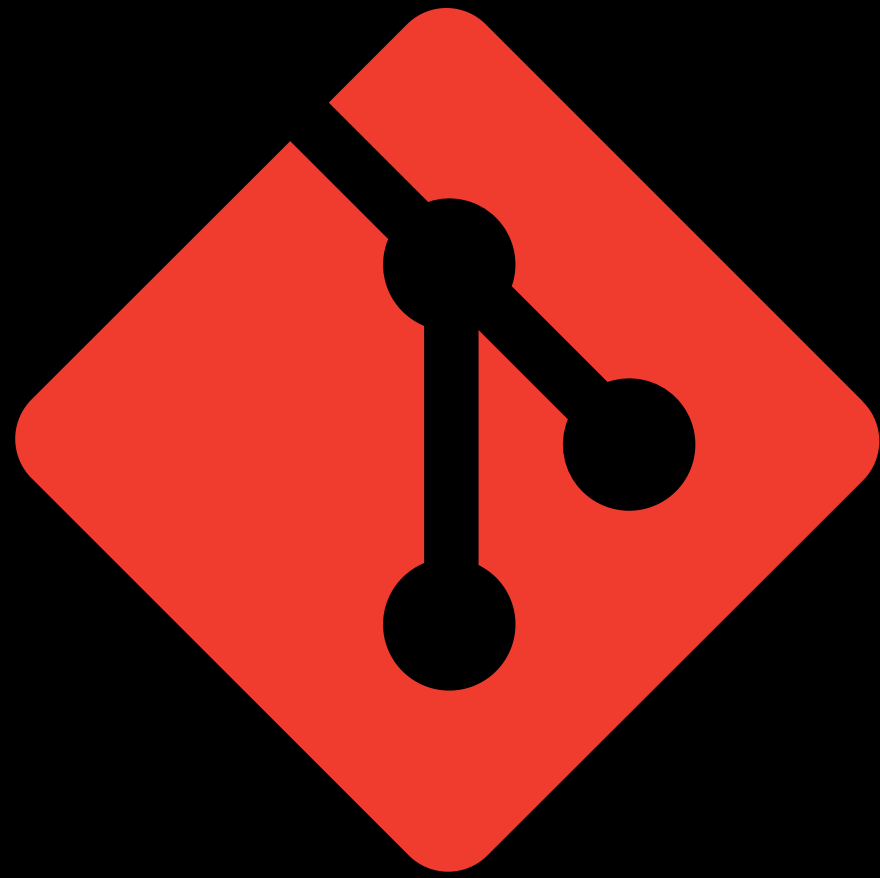
20



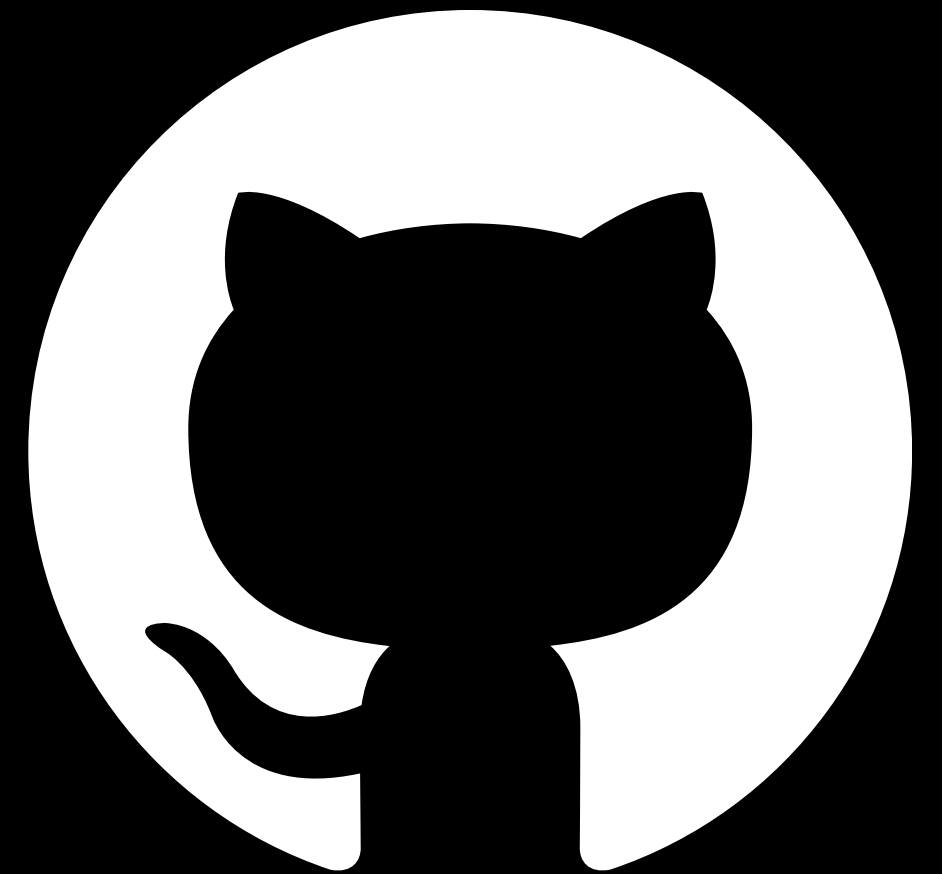
Today's Challenge Takeaways

Day 03

- `%` - Takes the Remainder
 - If a remainder is zero that means it divides evenly
- When making your if statements always make your hardest thing to pass first
- `length` - can be used on arrays to determine the size of the array



Git & GitHub



Git

- Is a versioning control system for your files/projects
- Git is the most popular versioning control system being used

Companies & Projects Using Git

Google

FACEBOOK

Microsoft



LinkedIn

NETFLIX



PostgreSQL





git --local-branching-on-the-cheap

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

Git

- Having your files under version control allows you to go back to a previous save state.
- Git keeps track of history of files

Git

- We will tell git what directory we want to create a repository on.
- This will put trackers on all of our files for any changes that we make.
- We do this by navigating to the folder we want to start tracking and run the command `git init`
- `git init` is only ever ran once per project

Common Student Mistake

WARNING

DO NOT INIT A REPO
INSIDE OF ANOTHER
REPO

Before running **git init**, use **git status**,
to verify that you are not currently
inside another repo

Git Workflow Example

Working
Directory

index.html
styles.css

Staging
Area

Local
Repo

git init

Git Workflow Example

Working
Directory

Staging
Area

Local
Repo

index.html
styles.css

`git add .`

Git Workflow Example

Working
Directory

Staging
Area

Local
Repo

index.html
styles.css

```
git commit -m 'first commit'
```

Git Terms

- git init - initializes your Repo or Repository
 - Projects - (Portfolio, Static Layout, JavascriptFundamentals..etc)
- git status - the status of your files
 - Tracked, Untracked, Changed
- git add - adding files so you can commit the changes
- git commit - creates a new version number of your files

The On Track Student

- Part I of Week 2 Videos Done
- Terminal Dungeon Done
- Static Layout - Work in Progress

