

Besenja Joseph

COP4808

Lab 0 Demo

The screenshot shows a mobile application interface for managing an application status. At the top, a green header bar displays the text "CodePath For Credit - Intermediate Web Development Application" on the left and a three-line menu icon on the right. Below the header, the main content area has a light beige background. A large, bold heading "Application Status" is centered at the top of this area. Below the heading, there is a message: "You have applied to the **For Credit - Intermediate Web Development** program." Underneath this message, another line of text says "Thanks for applying!" followed by a short paragraph: "You may expect to receive an update within 24 hours. For questions or concerns, please email [admissions@codpath.org](mailto:admissions@codpath.org)".

Below this information, there is a rectangular callout box with rounded corners and a thin gray border. Inside the box, the text "Initial Application: **Submitted**" is displayed, with "Submitted" in a green button-like style. Below this, the text "Submitted on January 18" is shown. At the bottom of the box, there are two blue links: "VIEW / EDIT / CANCEL".

Further down the page, there is another callout box with the heading "Share your referral link". It contains a text input field with the URL "https://apply.codepath.org/cohorts/fc-web102-sp26/versions/student/?ref=kGVCUcAw". To the left of this URL is a green button labeled "Copy link" with a clipboard icon. Below the URL, the text "or just share your referral code" is followed by a text input field containing the code "kGVCUcAw". To the right of this code is another green button labeled "Copy" with a clipboard icon.

At the bottom of the page, a message states "0 applicants have applied using your code." In the bottom right corner of the main content area, there is a small dark purple circular icon with a white "X" inside it.

COP4808 FullStack Web Dev

# introduction

Events

Info

# welcome

# announcements

# rules

# attendance

Text Channels

# general

# introduction

TA Office Hours

# ta-schedule

# signup

TA Office 1

Labs

jemima 12:29 AM

Hi, I'm Jemima a computer science student and I'll be graduating this semester in May and I'm excited to learn more about web dev in this class

Dajour D 2:49 PM

Hello, My name is Dajour Dixon. I am a senior in computer science with a minor in Cybersecurity. I am excited to learn new skills that I can add to my arsenal.

Sebastian Valenzuela 3:28 PM

Hello, my name is Sebastian Valenzuela and I am pursuing a Master's in Artificial Intelligence. Looking forward to working together with everyone.

Besenja Joseph 4:11 PM

hi yall. Im a comp sci major, and a lil bout me is that im collaborative and so i believe im proactive when it comes to groups (except when it comes to math) but may we have good energy as a class

TA — 1

Ethan Curtis "Command from a distance, strike l...

Online — 38

Alex Wagner Tree

Alexander Horan BOYS unconvicted felon

Andrew Saunders CAPSULE 1, BY ME OU...

Angelo Urtula

Bao Nguyen

Benjamin Carver

Besenja Joseph

Bridjet Walker

Carlens Alli... LUCK

Dajour D

Devon Hong Moe Wuthering Waves +1

M O. + Message #introduction

The screenshot shows a GitHub repository page for 'lab0-github-intermediate-workshop-BeeJoseph'. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Security, Insights, and Settings. The repository name is 'lab0-github-intermediate-workshop-BeeJoseph'. Below the navigation, there are sections for 'Take flight with GitHub Copilot' (using AI to autocomplete suggestions) and 'Give access to the people you work with' (managing repository permissions). A large central section titled 'Quick setup — if you've done this kind of thing before' provides instructions for setting up a new repository via command line or desktop. It includes a terminal window showing Git commands to initialize a repository, add files, commit changes, and push to GitHub. Another terminal window shows pushing an existing repository to GitHub.

**Code** Issues Pull requests Actions Projects Security Insights Settings

lab0-github-intermediate-workshop-BeeJoseph

Take flight with GitHub Copilot  
Use GitHub's AI pair programmer to autocomplete suggestions as you code.  
Ask admin for access

Give access to the people you work with  
Ensure the right people and teams have access to this repository.  
Manage access

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH https://github.com/FAU-FullStack-Dev-Spring2026/lab0-github-intermediate-workshop-BeeJoseph

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# lab0-github-intermediate-workshop-BeeJoseph" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/FAU-FullStack-Dev-Spring2026/lab0-github-intermediate-workshop-BeeJoseph
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/FAU-FullStack-Dev-Spring2026/lab0-github-intermediate-workshop-BeeJoseph
git branch -M main
git push -u origin main
```

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## WEB102 Prework

### Challenge 0 of 7: Instructions

 **Important:** If you're taking this course For-Credit at your university, the prework project is optional.

Welcome to the CodePath WEB102 Prework! You will work your way through a series of challenges to set up your dev environment, practice your JavaScript skills, and build a website. Each challenge is unlocked with a  **Secret Key** which you will discover by completing each step in the challenge. Enter each  **Secret Key** as you discover it to unlock the next challenge!

In WEB102, you will learn how to use React, which is a JavaScript library that makes it easier to build user interfaces. Before learning React, it is important that you have a firm grasp on HTML, CSS, and JavaScript, which is what you'll practice throughout the Prework.

#### Topics Covered

- VS Code Installation
- Git and GitHub
- HTML and CSS Fundamentals
- Intermediate JavaScript
  - functions, loops, and logic evaluation
  - `filter`
  - `reduce`
  - ternary operator (?)
  - template strings
  - destructuring and the spread operator

#### Tips for The Prework

- Record each  **Secret Key** as you discover it. That way, you can return to the challenge you are currently working on later.
- Go through the extra resources! We've included some helpful guides and explanations if you're curious and want to learn more.
- Notes about  **Secret Keys:**
  - Important: Keys for the Offline PDF version of prework **are case sensitive!**
    - (For example, "SEA\_MONSTER" is NOT the same as "sea\_monster")
  - Secret keys can be any combination of letters, numbers, and symbols.

#### Ready?

Your first secret key is `seaworthy`. Go!

 Step 4: Git Quiz!

To move on to the next section, complete the short Git quiz below. Each keyword for the correct answer form part of the  **Secret Key**.

1. Which command starts a fresh new repository?

1. `git clone <link-to-repository>` (keyword: SKEW)
2. `git init` (keyword: OOZE)
3. `git push origin master` (keyword: ALLY)
4. `git --version` (keyword: FLAP)

2. What happens when executing the command `git add index.js`?

1. A copy of the file `index.js` is created in the working directory (keyword: crib)
2. A copy of the file `index.js` is added to the remote repo (keyword: harp)
3. The file `index.js` is moved from the local repo to the staging area (keyword: best)
4. The file `index.js` is moved from the working directory to the staging area (keyword: dive)

3. What is the process for adding files to the local repository called?

1. committing (keyword: TRAP)
2. pushing (keyword: LIME)
3. forking (keyword: FUSE)
4. cloning (keyword: GAZE)

4. What happens when executing the command `git branch bug-fixes` then `git checkout bug-fixes`?

1. Code from the branch `bug-fixes` will be pushed to the remote repository. (keyword: zest)
2. All commits on the branch `bug-fixes` will be listed in the terminal. (keyword: walk)
3. A new branch `bug-fixes` will be created and then moved to. (keyword: pine)
4. The branch `bug-fixes` will be updated with all recent commits. (keyword: ploy)

- 
1. OOZE
  2. Dive
  3. TRAP
  4. Pine

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## WEB102 Prework

### Challenge 2 of 7: Review the Starter Code

**✓ Checkpoint**

Great work on that Git quiz! Are you feeling more confident about using Git for your coding projects? In this challenge, you'll check out the starter code we've provided you with in order to set yourself up for the upcoming challenges.

You can run the starter code to view the website using the recommended Live Server plugin by right-clicking within the `index.html` file and then selecting "Open with Live Server". Here's a screenshot showing how to start the Live Server:

At this point, your site should look like the exemplar below - you won't have made any changes yet, but you will in just a moment!

6games-container.stats-card15

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## WEB102 Prework

**Challenge 3 of 7: Add data about each game as a card to the games-container**

**Checkpoint**

At this point, after changing some of the CSS, your website should look something like the screenshot below. Compare your work with the exemplar and see if there are any changes you might need to make!

**Background**

To solve this challenge, you will need to use several different skills. Review each section below before

11seafoamGAMES\_JSON

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## WEB102 Prework

**Challenge 4 of 7: Create the summary statistics at the top of the page**

**✓ Checkpoint**

Awesome work solving Challenge 3 and welcome to Challenge 4! In this challenge, you'll fill out the Stats section at the top of the page to display some neat data about the different games funded by Sea Monster.

At this point, your website should look something like the screenshot below. Compare your work with the exemplar and see if there are any changes you might need to make!

19187800268BRAIN

## WEB102 Prework



### Challenge 5 of 7: Add functions to filter the funded and unfunded games

#### Checkpoint

Congrats and welcome to Challenge 5! You're well on your way to completing the prework.

At this point, your website should look something like the screenshot below. Compare your work with the exemplar and see if there are any changes you might need to make!

The screenshot shows a crowdfunding platform interface for "Sea Monster".

**Stats:**

- Individual Contributions: 19,187
- Total Raised: \$800,268
- Total Number of Games: 11

**Our Games:**

Check out each of our games below!

Filter buttons: Show Unfunded Only, Show Funded Only, Show All Games

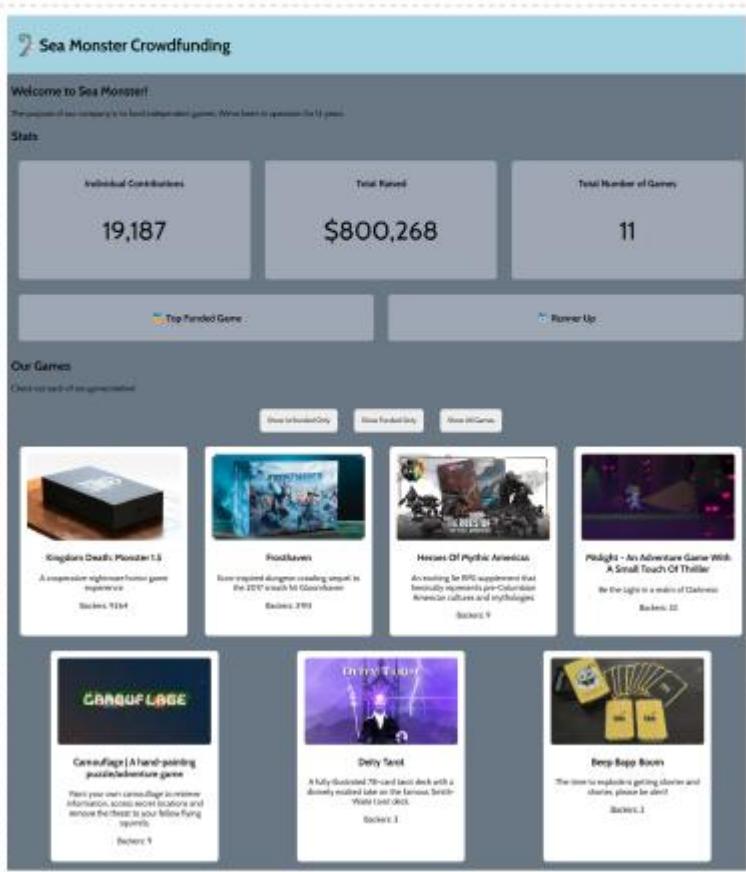
Game	Description	Backers
<b>Heroes Of Mythic Americas</b>	An exciting 5e RPG supplement that heroically represents pre-Columbian American cultures and mythologies.	9
<b>Cube Monster</b>	Be the first champion to reach the top of Mount Kubla in a solo or competitive engine building strategy game.	321
<b>Zoo Tycoon: The Board Game</b>	Your zoo in a box with more than 230 Animal Meeples. A highly thematic board game experience for 1-4 players.	3869
<b>Deity Tarot</b>	A fully illustrated 78-card tarot deck with a divinely inspired take on the famous Smith-Waite tarot deck.	3

74FLANNELclick

**Challenge 6 of 7: Add more information at the top of the page about the company****✓ Checkpoint**

Wow, challenge 6 already? You're crushing these challenges!

At this point, your website should look something like the screenshot below when the "Show Unfunded Only" filter is selected:



And it should look roughly like the screenshot below when the "Show Funded Only" filter is selected:

toLocaleString<div>1IVY

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## WEB102 Prework

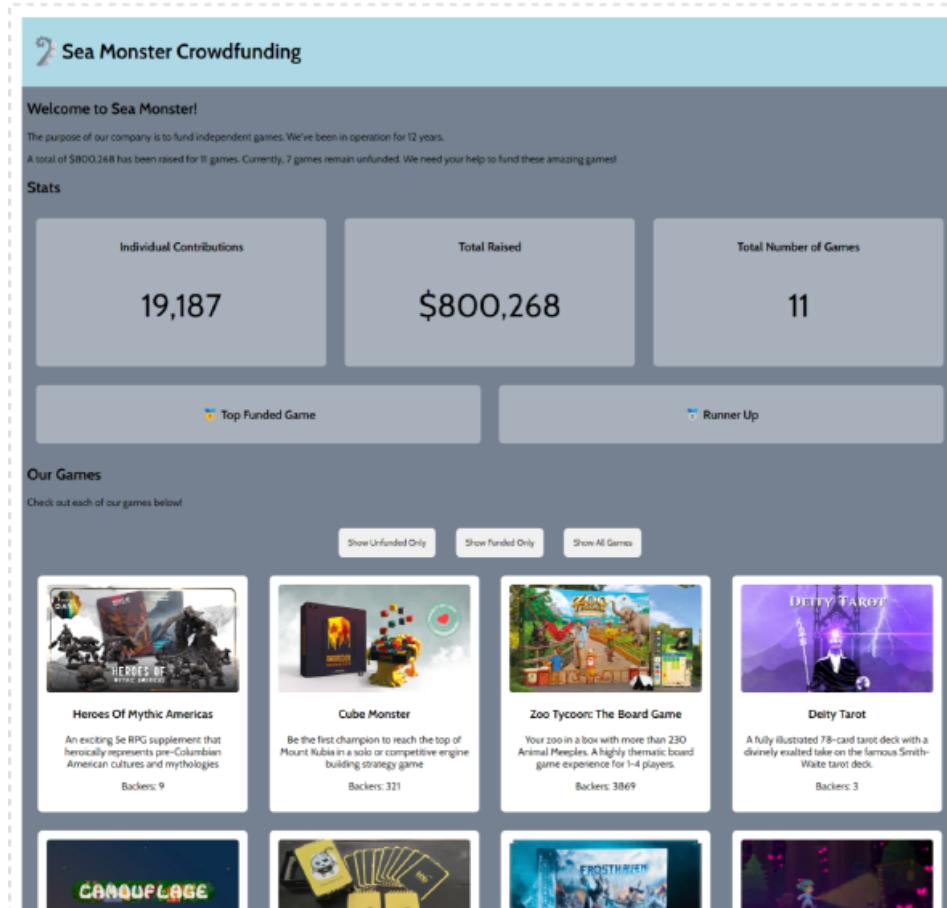


### Challenge 7 of 7: Select & display the top 2 games

**✓ Checkpoint**

Welcome to your final challenge! You're nearly ready to tackle React in Unit 1. We are legitimately so excited for you. There's just one more tool we need to get familiar with. Let's do it!

At this point, your website should look something like the screenshot below. Compare your work with the exemplar and see if there are any changes you might need to make!



Category	Value
Individual Contributions	19,187
Total Raised	\$800,268
Total Number of Games	11

**Our Games**

Check out each of our games below!

[Show Unfunded Only](#) [Show Funded Only](#) [Show All Games](#)

Game	Description	Backers
Heroes Of Mythic Americas	An exciting 5e RPG supplement that heroically represents pre-Columbian American cultures and mythologies.	9
Cube Monster	Be the first champion to reach the top of Mount Kabloo, a solo or competitive engine building strategy game.	321
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Deity Tarot	A fully illustrated 78-card tarot deck with a divinely exalted take on the famous Smith-Waite tarot deck.	3

