

Homework 1

Set-up

Download the starter file provided on canvas under Homework One. This exercise is going to be focused on basic DOM manipulation and using git and GitHub.

Unzip the files and save them in your directory of choice. Open the unzipped folder in a code editor.

Open the Terminal in your code editor(This will have your homework directory as the current base). Initialize a new repository:

```
git init
```

Add all the current files. (The period means add all)

```
git add .
```

Commit your changes.

```
git commit -m "initial commit"
```

Head to GitHub and create a new repository. Note down the repository name and your Github username. We use them below to configure the local repository to the GitHub repository

```
git remote add origin https://github.com/username/repositoryname
```

Push the first changes.

```
git push -u origin main
```

Exercise

Go through the HTML and CSS code and try to have a basic understanding of what it does. You are provided with 7 drums as showed by the index.html and 7 sounds in the sound directory. The goal is to link them and such that when any of the drums is clicked the corresponding sound is played.

Begin with identifying which sound corresponds to which drum by looking at the name of the image linked in the CSS file that corresponds to the letter of each drum and also shares the name of a sound in the sound subdirectory. Open the index.js file which is already linked to the HTML file there is a provided JavaScript function that takes a sound as input and plays the sound. Use any resources and your knowledge on DOMs and this function to make the drums play the right sound when clicked.

Hint: [AddEventListeners](#)

Submission

When done, add all the changes to git as follows:

```
git add .
```

```
git commit -m "final commit"  
git push -u origin main
```

If you are feeling super-hyped [deploy using Github pages](#) and submit the link. If not :(just submit the link to the repository.