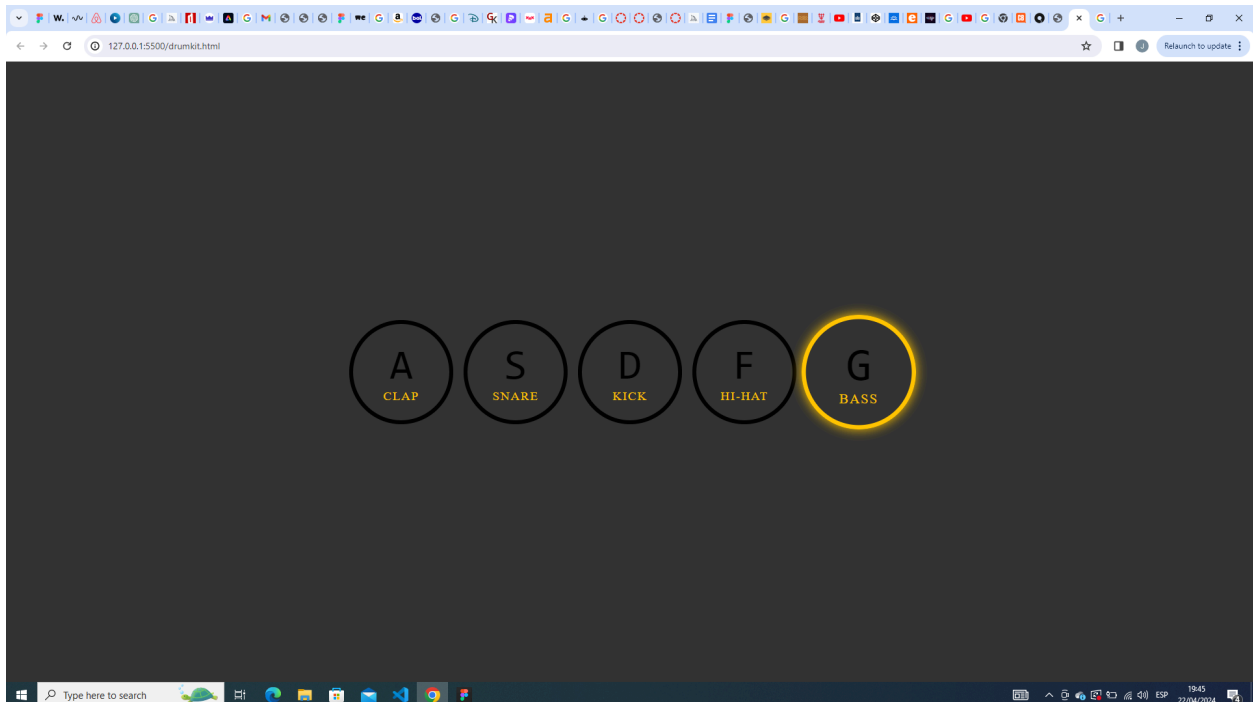# JS Drum Kit

For this workshop we were given the base code for a simple drumkit with only one key, to which i added colors, changed the shape to circles to resemble drums, i had to download the sounds i wanted to use on each button, and add 5 buttons for 5 sounds to resemble a drumkit and linked each one to a keyboard key.

I changed the background color and made changes to the class ".key.playing" to give the feeling of pressing each key by making it slightly bigger and changing the border color to yellow with a a glowing effect to resemble a button pressing effect.



Here is my complete code:
(i joined everything in one page for better readability, but i'm aware it's bad etiquette.)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Drum Kit</title>
<style>
    body, html {
        height: 100%;
        margin: 0;
        display: flex;
```

```css
        justify-content: center;
        align-items: center;
        background-color: #333;
    }
    .keys {
        display: flex;
        flex-wrap: wrap;
        justify-content: center;
        align-items: center;
        position: relative;
        padding: 20px;
        box-sizing: border-box;
    }
    .key {
        border: .4rem solid black;
        margin: 0.5rem;
        font-size: 1.5rem;
        padding: 1.5rem;
        transition: all .07s ease;
        width: 100px;
        height: 100px;
        text-align: center;
        cursor: pointer;
        border-radius: 50%;
        display: flex;
        justify-content: center;
        align-items: center;
        flex-direction: column;
    }
    .key.playing {
        transform: scale(1.1);
        border-color: #ffc600;
        box-shadow: 0 0 1rem #ffc600;
    }
    kbd {
        display: block;
        font-size: 4rem;
    }
    .sound {
        font-size: 1.2rem;
```

```html
        text-transform: uppercase;
        letter-spacing: .1rem;
        color: #ffc600;
    }
</style>
</head>
<body>
<div class="keys">
    <div data-key="65" class="key">
        <kbd>A</kbd>
        <span class="sound">clap</span>
    </div>
    <div data-key="83" class="key">
        <kbd>S</kbd>
        <span class="sound">snare</span>
    </div>
    <div data-key="68" class="key">
        <kbd>D</kbd>
        <span class="sound">kick</span>
    </div>
    <div data-key="70" class="key">
        <kbd>F</kbd>
        <span class="sound">hi-hat</span>
    </div>
    <div data-key="71" class="key">
        <kbd>G</kbd>
        <span class="sound">bass</span>
    </div>
</div>
<audio data-key="65" src="sounds/Cymbals/Crash/Acoustic Crash
01.wav"></audio>
<audio data-key="83" src="sounds/Snare/Acoustic Snare 01.wav"></audio>
<audio data-key="68" src="sounds/Kick/Acoustic Kick 01.wav"></audio>
<audio data-key="70" src="sounds/Cymbals/Hi-Hat/Crash/Acoustic Open Hat
Crash 01.wav"></audio>
<audio data-key="71" src="sounds/Toms/Tom Low/Acoustic Low Tom
01.wav"></audio>

<script>
    function playSound(e) {
```

```
        const audio =
document.querySelector(`audio[data-key="${e.keyCode}"]`);
        const key =
document.querySelector(`.key[data-key="${e.keyCode}"]`);
        if (!audio) return;
        audio.currentTime = 0;
        audio.play();
        key.classList.add('playing');
    }
    function removeTransition(e) {
        if (e.propertyName !== 'transform') return;
        this.classList.remove('playing');
    }
    const keys = document.querySelectorAll('.key');
    keys.forEach(key => key.addEventListener('transitionend',
removeTransition));
    window.addEventListener('keydown', playSound);
</script>
</body>
</html>
```