Assignment 11

1. **<u>querySelector</u>**

   a. qyerySelector use to get the first element have the name class you pass to it.

b. you can get all the elements by use.

```
document.querySelectorAll(".div1");
```

Ex: -

```html
<div class="div1">div 1
    <div class="div1">div 2
        <div class="div1">div 3
            <div class="div1">div 4</div>
        </div>
    </div>
</div>
```

```javascript
const example = document.querySelector(".div1");
console.log(example);
```

Output

```html
<div class="div1">div 1
```

```html
<div class="div1">div 2
    <div class="div1">div 3
        <div class="div1">div 4</div>
    </div>
</div>
```
</div>

2. **<u>closest</u>**

You pass to the function the the name of the selector and the closest function will return to you the closest parent to the

selector you pass to closest function.

Ex: -

```html
<div class="div2">div 2_1
    <div class="div1">div 1
        <div class="div2">div 2_2
            <div class="div3">div 3
                <div class="div4">div4</div>
                <div class="div2">div 2_3</div>
            </div>
        </div>
    </div>
</div>
<div class="div2">div 2_4</div>
```

```javascript
const example = document.querySelector(".div4");

console.log(example.closest(".div2"));
```

Output

```html
<div class="div2">div 2_1
        <div class="div1">div 1
            <div class="div2">div 2_2
                <div class="div3">div 3
                    <div class="div4">div4</div>
                    <div class="div2">div 2_3</div>
                </div>
            </div>
        </div>
    </div>
    <div class="div2">div 2_4</div>
```