

JAVASCRIPT

LOCAL STORAGE

LOCAL STORAGE

- ▶ Allows you to persist data across multiple browser sessions.
- ▶ It's local to each browser, which means that what is stored in my browser is different than yours.

SETTING AN ITEM

```
localStorage.setItem('highScore', 800);
```

- ▶ localStorage is part of the window object so we have access to it at any point
- ▶ It acts kind of like an object where there are key value pairs
- ▶ We can use the method setItem to store a value to a key
- ▶ The first parameter is the key, the second is the value

GETTING AN ITEM

```
var currentHighScore = localStorage.getItem('highScore');
```

- ▶ We can access values by using the method `getItem`
- ▶ We pass in the key of the item we want and get the value stored in the browser
- ▶ If there is no value, it will return null

DELETING AN ITEM

```
localStorage.removeItem( 'highScore' );
```

- ▶ We can remove values from localStorage using `removeItem`
- ▶ We pass in the key of the item we want to remove and it deletes it from the browser's storage

REDIRECTION

```
window.location.href = index.html
```

- ▶ Sometimes we want to send the user to another page
- ▶ We can use the window's location to redirect somewhere else

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Assignment 1

STORED VALUES

- ▶ Values are always going to be stored as a string
- ▶ Sometimes we want to store more complex data (like objects or arrays)
- ▶ We can do this with JSON

JSON

```
var user = {  
  name: 'Jackie',  
  email: 'jaclyn.casper@generalassemb.ly'  
}  
  
var stringifiedUser = JSON.stringify(user);  
var parsedUser = JSON.parse(stringifiedUser);
```

- ▶ We can use `JSON.stringify` to turn more complex data into strings
- ▶ This is done in a way where we can parse it again later using `JSON.parse`

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Assignment 2

YOUR TURN

Assignment 3