# Using Local and Session Storage

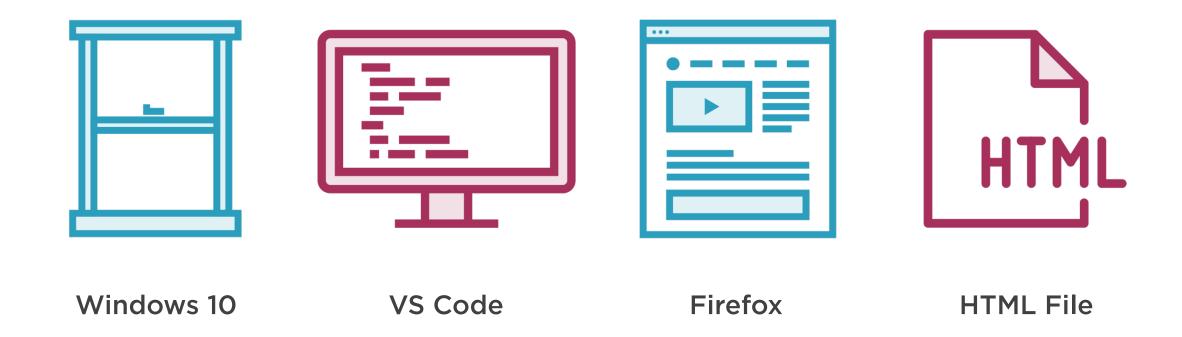


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## Dev Environment





#### Save data

 Using setItem() save data to local and session storage

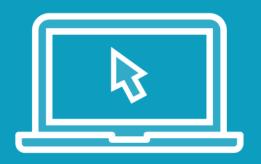




#### Retrieve data

 Using getItem() retrieve data from local and session storage





#### Grab and display all data

 Using a for loop to iterate over each key/value pair in local and session storage





#### Delete data from storage

- Using removeItem() delete a key/value pair from local and session storage
- Using clear() delete all data from local and session storage





#### JSON data and local and session storage

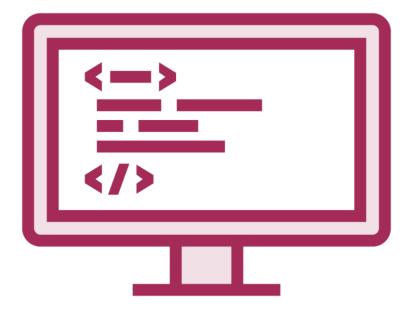
- Using JSON.stringify() to save JSON objects to web storage
- Using JSON.parse() to retrieve JSON objects from web storage



# Educational content ahead. Should not be used in production.



Square bracket syntax .property syntax





```
localStorage["myLocalData"] = "Sample Data Here"

let data = localStorage["myLocalData"];
```

## Outdated Web Storage Use

This is the square bracket syntax, which is deprecated and shouldn't be used.



```
localStorage.myLocalData = "Sample Data Here"
```

```
let data = localStorage.myLocalData;
```

# Outdated Web Storage Use

This is the .property syntax, which is deprecated and shouldn't be used.



```
localStorage.setItem('key', 'value')
sessionStorage.setItem('key', 'value')
localStorage.getItem('key')
sessionStorage.getItem('key')
```



# Summary



#### Save/retrieve data

- setItem()
- getItem()

#### Using .key() loop through all data

#### Remove data

- removeItem()
- clear()

#### **Storing JSON**

- stringify()
- parse()

#### Deprecated usage

