localStorage - Allows setting, getting, and removing key/value pairs in a web browser. The localStorage object stores data with no expiration date. The data will not be deleted when the browser is closed, and will be available the next day, week, or year. The localStorage property is read-only. _The keys and the values are always strings._

Ex. 3 (Pattern)

```
localStorage.setItem("key", "value"); //set a localStorage key & value
var keyVal = localStorage.getItem("key"); //get a localStorage value when passing a valid key

localStorage.removeItem("key"); //remove value when passing a valid key
localstorage.clear(); //removes ALL keys and values
```

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sessionStorage - Allows setting, getting, and removing key/value pairs in a web browser. The sessionStorage object stores data until the page is closed, whereas the data will be deleted when the browser is closed. _The keys and the values are always strings._

Ex. 4 (Pattern)

```
sessionStorage.setItem("key", "value"); //set a sessionStorage key & value
var keyVal = sessionStorage.getItem("key"); //get a sessionStorage value when passing a valid key

sessionStorage.removeItem("key"); //remove value when passing a valid key
sessionStorage.clear(); //removes ALL keys and values
```

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cookies - Cookies are data, stored in small text files, on your computer

Ex. 5

```
document.cookie = "username=John Doe"; //set a cookie key & value
document.cookie = "username=John Smith; expires=Thu, 18 Dec 2018 12:00:00 UTC; path=/";
//store values using semicolons to separate entires
document.cookie = "username=; expires=Thu, 01 Jan 1970 00:00:00 UTC; path=/;"; //remove value
from username
```

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splice() - Adds/removes items to/from an array, and returns the removed item(s)

Ex. 6 (Pattern)

```
array.splice(index, howmany, item1, ....., itemX)
// index (Required) - An integer that specifies at what position to add/remove items, Use
negative values to specify the position from the end of the array
// howmany (Optional) - The number of items to be removed. If set to 0, no items will be
removed
// item1, ..., itemX (Optional) - The new item(s) to be added to the array
```

Ex. 7

```
var veggies = ["Squash", "Broccoli", "Asparagus", "Beets"];
veggies.splice(2, 1, "Carrots", "Kiwi"); //remove 1 item from list @ index 2, then add two
items starting @ index 2
console.log(veggies); //[ 'Squash', 'Broccoli', 'Carrots', 'Kiwi', 'Beets' ]
```

Ex. 8

```
var cars = ["Maserati", "Volvo", "Lincoln", "Acura", "Toyota"];
cars.splice(2, 2); //remove 2 items from list starting @ index 2
console.log(cars); //[ 'Maserati', 'Volvo', 'Toyota' ]
```