Web Storage

Local Storage API – Dot Operator

```javascript
var storage = window.localStorage;

if (storage.firstName === undefined) {

    $$result.log('firstName is not in local storage');

    storage.firstName = 'Abhishek';

} else {

    $$result.logBold('firstName', storage.firstName);

}
```

Get/Set Functions

```javascript
var storage = window.localStorage;

if (storage.getItem('lastName') === null) {

    $$result.log('lastName is not in local storage');

    storage.setItem('lastName', 'prajapati');

} else {

    $$result.logBold('lastName', storage.getItem('lastName'));

}
```

Brackets

```javascript
var storage = window.localStorage;
if (storage['twitter'] === undefined) {
    $$result.log('twitter is not in local storage');
    storage['twitter'] = '@abhishekprajapati';
} else {
    $$result.logBold('twitter', storage['twitter']);
}
```

Remove Item

```javascript
var storage = window.localStorage;
if (storage.lastName !== undefined) {
    storage.removeItem('lastName');
    $$result.log('lastName is removed');
} else {
    $$result.log('lastName is not found');
}
```

Keys and Length

```javascript
var
    storage = window.localStorage,
    key = '';
$$result.logBold('Using key Function');
for (var i = 0, len = storage.length; i < len; i++) {
    key = storage.key(i);
    $$result.logBold(key, storage[key]);
}
$$result.hr();
$$result.logBold('Extracting with Object.keys');
// returns array of keys
var keys = Object.keys(storage);
if (keys.length > 0) {
    $$result.log(keys);
} else {
    $$result.log('No keys defined.');
}
```

Clear Storage

```
window.localStorage.clear();
$$result.log('All contents of local storage are destroyed.');
```

Session Storage

- Same Functions as Local Storage
- Used to store data for particular session.