Local Storage & Session Storage

1) Local Storage:

Local Storage is a way to store data on the client's computer. It allows the saving of key/value pairs in a web browser and it stores data with no expiration date. localStorage can only be accessed via JavaScript, and HTML5. However, the user has the ability to clear the browser data/cache to erase all local Storage data.

Pros:

1. Stores data with no expiration date
2. Storage limit is about 5mb
3. Data is never transferred to the server

Cons:

1. Plaintext, hence not secure by design
2. Limited to string data, hence need to be serialized
3. Can only be read on client-side

2) Session storage:

1. Stores data only for a session, meaning that the data is stored until the browser (or tab) is closed
2. Data is never transferred to the server
3. Can only be read on client-side
4. Storage limit is about 5-10mb
5. Opening multiple tabs/windows with the same url creates sessionstorage for each tab/window