Using Local Storage

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HTML5 Local Storage

- Browsers support local storage using a simple key-value pair manner called localStorage
  - Example:
    window.localStorage['key'] = 'value';
  - Only store strings
  - How to store JavaScript objects?
    - Convert to JSON

Angular $localStorage Service

- Define a new service as follows:

```
.factory('$localStorage', ['$window', function($window) {
    return {
        store: function(key, value) {
            $window.localStorage[key] = value;
        },
        get: function(key, defaultValue) {
            return $window.localStorage[key] || defaultValue;
        },
        storeObject: function(key, value) {
            $window.localStorage[key] = JSON.stringify(value);
        },
        getObject: function(key,defaultValue) {
            return JSON.parse($window.localStorage[key] || defaultValue);
        }
    }
}])
```

Exercise: Using Local Storage

- Design a new Angular service using local storage

- Make use of the Local Storage to remember user information