JSON

- *The JSON syntax is derived from JavaScript object notation syntax, but the JSON format is text or string only. JSON is a light weight data format for storing and transporting. JSON is mostly used when data is sent from a server to a client.*
- *The differnce between the normal object and JSON is the key of a JSON object should be a double quotes or it should be a string.*
- *JavaScript Object and JSON are very similar that we can change JSON to Object and Object to JSON using JSON methods.*

- *JSON Methods :*
  - *parse()*
  - *stringify()*
- *When we want to change the JSON to an object we parse the JSON using JSON.parse().*
- *When we want to change the object to JSON we use JSON.stringify().*

JSON.parse(json,function)

JSON.stringify(object, replacer, space)

WEB STORAGE

- *Web storage is a client-side storage solution provided by web browsers to store data locally on a user's device. It allows you to store data in key-value pairs, making it a convenient tool for storing and retrieving small amounts of data.*
- *There are two types of web storage in JavaScript:*
    - *Local Storage.*
    - *Session Storage.*
- *window.localStorage - stores data with no expiration date*
- *window.sessionStorage - stores data for one session (data is lost when the browser tab is closed)*

- *Web Storage Objects :*
    - *localStorage - to display the localStorage object*
    - *localStorage.clear() - to remove everything in the local storage*
    - *localStorage.setItem() - to store data in the localStorage. It takes a key and a value parameters.*
    - *localStorage.getItem() - to display data stored in the localStorage. It takes a key as a parameter.*
    - *localStorage.removeItem() - to remove stored item form a localStorage. It takes key as a parameter.*
    - *localStorage.key() - to display a data stored in a localStorage. It takes index as a parameter.*