Scalable Vector Graphics (SVG)

* Used to draw some shapes like rhombuses, etc. using built-in tags.

What is a form? Why it is used?

* To validate user info.
* To collect or take or capture input from user.

Html Provides

* Input tags
* Non-input tags

Strorage facility

* Html provides two types of storage facilities
  + Session Storage
  + Local Storage

The differences between local storage and session storage in HTML:

* Scope:
  + Local Storage: Data stored in local storage persists even after the browser is closed and can be accessed across browser sessions. It has a longer lifespan and is not limited to a single tab or window.
  + Session Storage: Data stored in session storage is only available for the duration of a page session. It is limited to a single tab or window and is cleared when the tab or window is closed.
* Storage Limit:
  + Local Storage: It typically has a larger storage capacity (usually around 5-10MB per domain) compared to session storage.
  + Session Storage: It has a smaller storage capacity compared to local storage, usually around 5-10MB per domain.
* Data Sharing:
  + Local Storage: Data stored in local storage is accessible by all tabs/windows from the same origin (domain).
  + Session Storage: Data stored in session storage is accessible only within the same tab or window.
* Persistence:
  + Local Storage: Data persists even after the browser is closed and can be used across multiple browser sessions.
  + Session Storage: Data is cleared when the tab or window is closed, making it suitable for temporary storage during a single user session.
* Use Cases:
  + Local Storage: It is often used for storing data that should persist across sessions, such as user preferences or cached data.
  + Session Storage: It is suitable for storing data that is only needed temporarily, like data needed for a single user interaction or task.

Here's a simple example in JavaScript on how to use local and session storage:

***JavaScript:***

Copy code

// Storing data in local storage

localStorage.setItem('username', 'John');

// Retrieving data from local storage

const username = localStorage.getItem('username');

console.log(username); // Output: John

// Storing data in session storage

sessionStorage.setItem('tempData', 'Some temporary data');

// Retrieving data from session storage

const tempData = sessionStorage.getItem('tempData');

console.log(tempData); // Output: Some temporary data

Remember that both local and session storage should be used carefully, especially for sensitive data, as they are accessible through JavaScript and can pose security risks if not handled properly.