The **language** specifies code for formatting, both the layout and style, within a text file. The code used to specify the formatting are called tags. HTMLis a an example of a widely known and used **markup language**.

what is use of HTML doctype

The **doctype** declaration is not an **HTML** tag; it is an instruction to the web browser about what version of the markup language the page is written in.

HTML is a document that contains text.

**HTML storage API:** An API is simply a messenger that takes the request and tells the system what to do and returns the response to you. Waiter

**HTML Local storage API:**

With the local storage web applications can store the data locally with in user’s browser.

Local storage is more secure, and large amounts of data can be stored locally, without affecting website performance.

HTML local storage provides two objects for storing data on the client:

* window.localStorage - stores data with no expiration date
* window.sessionStorage - stores data for one session (data is lost when the browser tab is closed)

## The localStorage Object

The localStorage object stores the data with no expiration date. The data will not be deleted when the browser is closed, and will be available the next day, week, or year. Count increases when the User click a button.

<!DOCTYPE html>

<html>

<body>

<div id="result"></div>

<script>

// Check browser support

if (typeof(Storage) !== "undefined") {

// Store

localStorage.setItem("lastname", "giri");

// Retrieve

document.getElementById("result").innerHTML = localStorage.getItem("lastname");

} else {

document.getElementById("result").innerHTML = "Sorry, your browser does not support Web Storage...";

}

</script>

</body>

</html>

The session storage is same as local storage but the only diff is it keeps the data for only one session.

SVG is a language for describing 2D graphics in XML.

Canvas draws 2D graphics, on the fly (with a JavaScript).

Document:

