EVENTS IN JAVASCRIPT

Sai Vardhan T

EVENTS IN JS

- The change in the state of an object is known as an Event
- In HTML, various events represent that some activity is performed by the user or by the browser
- When JavaScript code is included in HTML, JS reacts over these events and allows the execution
- The process of reacting to the events is called Event Handling
- Thus, JavaScript handles the HTML events via Event Handlers
  - For example, when a user clicks over the browser add js code which will execute the task to be performed on the event

TYPES OF EVENTS

- MOUSE EVENTS
- KEYBOARD EVENTS
- FORM EVENTS
- WINDOW / DOCUMENT WINDOW

MOUSE & WINDOW EVENTS

- MOUSE EVENTS
  - CLICK
  - MOUSE OVER
  - MOUSE OUT
  - MOUSE UP
  - MOUSE MOVE
- WINDOW / DOCUMENT WINDOW
  - ON LOAD
  - ON RESIZE

KEY BOARD EVENTS & FORM EVENTS

- KEY BOARD EVENTS
  - KEY DOWN
  - KEY UP
- FORM EVENTS
  - ON FOCUS
  - ON SUBMIT
  - ON BLUR
  - ON CHANGE

SERVER ACTIONS IN JS

Sai Vardhan T

SERVER ACTIONS

- The actions used to perform certain actions using APIs are known as Server actions.
- The actions will be made on the server with an API to access the data.
- AJAX (Asynchronous JavaScript and XML) is used to interact and request data from the server.

- **Fetch Method:**
  - Helps to communicate with the server

SERVER ACTIONS

- **AJAX CALLS:**
  - SERVER PUT – Update
    - Status Code = 200
  - SERVER GET – Retrieve
    - Status code = 200
  - SERVER POST – Create
    - Status code = 201
  - SERVER DELETE – Delete
    - Status code = 204