Module 8) JavaScript
JavaScript Events

Question 1: What are JavaScript events? Explain the role of event listeners.

Answer :

JavaScript events are actions or occurrences (like clicks, key presses, or mouse movements) that happen in a web page. Events allow interaction between the user and the website.

Event listeners are used to detect and respond to events. They wait for a specific event to occur and then execute a function when triggered.

Question 2: How does the addEventListener() method work in JavaScript? Provide an example.

Answer :

The addEventListener() method attaches an event handler to an element without overwriting existing events. It takes two arguments: the event type (e.g., "click") and a function to run when the event happens.

Example:

```javascript
document.getElementById("myButton").addEventListener("click", function() {

    alert("Button Clicked!");

});
```

Here, when the button with id="**myButton**" is clicked, an alert box will appear.