

Module 8) JavaScript

JavaScript Timing Events (setTimeout, setInterval)

Question 1: Explain the setTimeout() and setInterval() functions in JavaScript. How are they used for timing events?

Answer :

The **setTimeout()** and **setInterval()** functions are used for timing events in JavaScript.

- **setTimeout(function, delay)**: Executes a function once after a specified delay (in milliseconds).
- **setInterval(function, interval)**: Repeats a function continuously at a fixed time interval.

They are useful for scheduling tasks, animations, or delaying actions.

Question 2: Provide an example of how to use setTimeout() to delay an action by 2 seconds.

Answer :

The **setTimeout()** function runs a function after a delay. To delay an action by 2 seconds (2000ms):

```
setTimeout(function() {  
    alert("This message appears after 2 seconds!");  
}, 2000);
```

Here, after 2 seconds, an alert box will pop up with the message.