

1. JavaScript Selectors

JavaScript provides several methods to select HTML elements:

- getElementById()
- getElementsByClassName()
- getElementsByTagName()
- querySelector()
- querySelectorAll()

Selectors Example

```
document.getElementById("demo");  
document.querySelector(".class");  
document.querySelectorAll("p");
```

2. JavaScript Events

Events are actions that occur in the browser such as clicking, submitting a form, or pressing a key.

JavaScript allows you to listen to these events using event listeners.

Events Example

```
document.getElementById("btn").addEventListener("click", function() {  
    alert("Button clicked!");  
});  
document.addEventListener("keydown", function(event) {  
    console.log("Key pressed: " + event.key);  
});
```

3. AJAX Introduction

AJAX stands for Asynchronous JavaScript and XML.

It allows you to fetch data from a server without refreshing the page.

AJAX Example

```
const xhr = new XMLHttpRequest();  
xhr.open("GET", "https://jsonplaceholder.typicode.com/users");  
xhr.onload = function() {  
    if (xhr.status === 200) {  
        const users = JSON.parse(xhr.responseText);  
        console.log(users);  
    }  
};  
xhr.send();
```