Forms

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Introduction

Preventing Form Submission

Accessing Form Fields

Showing Validation Errors

Posting From JavaScript

Preventing Form Submission

submit

submit event
JS
validation
format form data

The submit Event

```
let form = document.getElementById('user-form');

form.addEventListener('submit', event => {

    // prevent the browser from submitting the form
    event.preventDefault();
});
```

Accessing Form Fields

form.elements[]

```
let form = document.getElementById('user-form');

form.addEventListener('submit', event => {
    let user = form.elements['user'];
    let avatarFile = form.elements['avatar-file'];

    console.log(user.value, avatarFile.value);
    event.preventDefault();
});
```

Showing Validation Errors

Form Field

```
<input name="user" placeholder="User Name"/>

<span id="user-error"></span>
```

Form Field

```
let user = form.elements['user'];
let userError = document.getElementById('user-error');


userError.textContent = 'Invalid entry';
userError.style.color = 'red';
user.style.borderColor = 'red';
user.focus();
```

Posting From JavaScript

Summary

Preventing Form Submission

- handle submit event
- event.preventDefault()

Accessing Form Fields

- form.elements['name']

Showing Validation Errors

- use CSS styling
- element.focus();

Posting From JavaScript

- post using jQuery, etc.
- call event.preventDefault()