

# Javascript for Hide and Show an Element

To create a JavaScript code that uses a form select input to hide or show a textarea input, you can follow these steps:

1. **Create the HTML Form**: This includes a `<select>` input and a `<textarea>` input.
2. **Add JavaScript**: Write a script to handle the change event of the select input and toggle the visibility of the textarea.

Here's an example:

### HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Show/Hide Textarea</title>
  <style>
    #myTextarea {
      display: none;
    }
  </style>
</head>
<body>
  <form id="myForm">
    <label for="mySelect">Choose an option:</label>
    <select id="mySelect" name="options">
      <option value="none">None</option>
      <option value="show">Show Textarea</option>
      <option value="hide">Hide Textarea</option>
    </select>

    <textarea id="myTextarea" name="text"></textarea>
```

```
</form>

<script>
  document.getElementById('mySelect').addEventListener('change', function() {
    var textarea = document.getElementById('myTextarea');
    if (this.value === 'show') {
      textarea.style.display = 'block';
    } else {
      textarea.style.display = 'none';
    }
  });
</script>
</body>
</html>
```

### ### Explanation

#### 1. **HTML Structure**:

- The ``<select>`` element has options: "None", "Show Textarea", and "Hide Textarea".
- The ``<textarea>`` element is initially hidden using CSS (`display: none`).

#### 2. **JavaScript**:

- An event listener is added to the select element to listen for changes.
- When the select value changes, the script checks the value:
  - If the value is "show", the textarea is displayed (`display: block`).
  - For any other value (including "none" and "hide"), the textarea is hidden (`display: none`).

You can further customize this code according to your requirements, such as adding more options, styling, or additional form elements.

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