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## **7. Browser: DOM Basics:**

### **Task 31:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1 id="p1">Hello! world...</h1>
  <script>
    change = ()=>{
      setTimeout(()=>document.getElementById('p1').innerHTML="Hai!....",1000);
    }
    change()
  </script>
</body>
</html>
```

**Hello! world**

**Hai!....**

### **Task 32:**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <button type="button" onclick="change()">Click me</button>
  <div id="m1"></div>
  <script>
    const change = () => {
      document.querySelector('button').remove();
      document.getElementById('m1').innerText = "Hello! World....";
    }
  </script>
</body>
</html>
```

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[Click me](#)

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Hello! World....

### Task 33:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1 id="">Hai!.....</h1>
  <script>
    const change = () => {
      let ele = document.createElement('h3')
      ele.innerHTML="Hai!Javascript"
      document.body.appendChild(ele);
    }
    change()
  </script>
</body>
</html>
```

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**Hai!.....**

**Hai!Javascript**

### Task 34:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <button onclick="visible()">Visible</button>
  <div id="ele" style="display: none;">
    This is a visible element.
  </div>
  <script>
    function visible() {
      const element = document.getElementById('ele');
      if (element.style.display === 'none') {
        element.style.display = 'block';
      } else {
```

```
        element.style.display = 'none';
    }
}
</script>
</body>
</html>
```

---

Visible

This is a visible element.

### Task 35:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Modify Link Attributes</title>
</head>
<body>
  <h2>Link Attributes Example</h2>
  <a href="https://www.example.com" id="link1" target="_blank" title="Go to Example">Visit
Example</a><br>
  <a href="https://www.google.com" id="link2" target="_self" title="Go to Google">Visit Google</a><br>
  <a href="https://www.github.com" id="link3" target="_blank" title="Go to GitHub">Visit GitHub</a><br>
  <button onclick="modifyLinks()">Modify Link Attributes</button>
  <script>
    function modifyLinks() {
      const link1 = document.getElementById('link1');
      const link2 = document.getElementById('link2');
      const link3 = document.getElementById('link3');
      console.log("Original Link 1 href:", link1.getAttribute('href'));
      console.log("Original Link 1 target:", link1.getAttribute('target'));
      console.log("Original Link 1 title:", link1.getAttribute('title'));
      link1.setAttribute('href', 'https://www.newexample.com');
      link1.setAttribute('target', '_self');
      link1.setAttribute('title', 'Go to New Example');
      link2.setAttribute('href', 'https://www.newgoogle.com');
      link2.setAttribute('target', '_blank');
      link2.setAttribute('title', 'Go to New Google');
      link3.setAttribute('href', 'https://www.newgithub.com');
      link3.setAttribute('target', '_self');
      link3.setAttribute('title', 'Go to New GitHub');
      console.log("Updated Link 1 href:", link1.getAttribute('href'));
      console.log("Updated Link 1 target:", link1.getAttribute('target'));
      console.log("Updated Link 1 title:", link1.getAttribute('title'));
    }
  </script>
</body>
</html>
```

## Link Attributes Example

[Visit Example](#)

[Visit Google](#)

[Visit GitHub](#)

Modify Link Attributes