

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Q1</title>
</head>

<body>
  <input type="text" id="price" placeholder="enterprice">
  <button>submit</button>

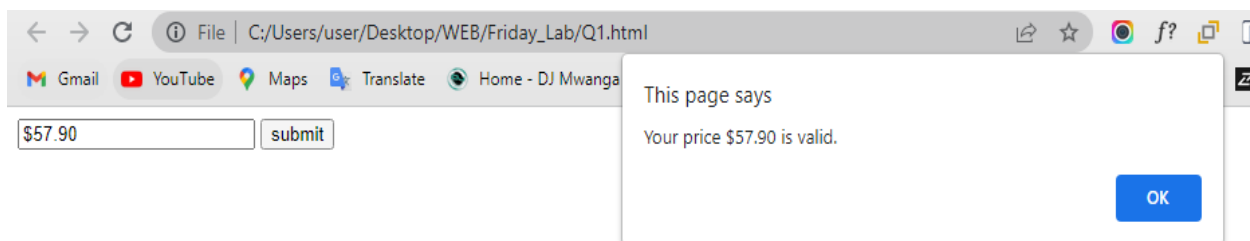
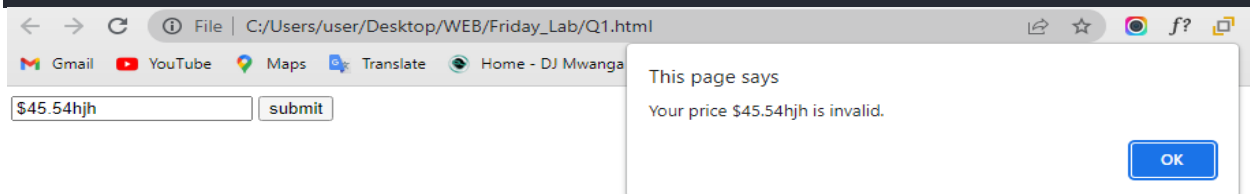
</body>
<script>
  let dollarSymbol = /^\$\\d{1,100}\\d{2}$/;

  let button = document.querySelector('button');
  button.addEventListener('click', function() {
    let price = document.getElementById("price").value;

    if (price.match(dollarSymbol)) {
      alert(`Your price ${price} is valid.`);
    } else {
      alert(`Your price ${price} is invalid.`);
    }
  });
</script>

</html>

```



```

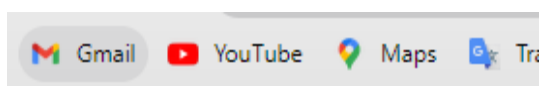
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <input type="text" id="tagInput" placeholder="Enter a self-closing HTML tag">
  <button onclick="validateTag()">Validate</button>
  <p id="result"></p>

</body>
<script>
  function validateTag() {
    const regex = /^<\w+(\s+\w+="[^"]*"*)*\s*\/?>$/;
    const inputTag = document.getElementById('tagInput').value;

    if(regex.test(inputTag)) {
      document.getElementById('result').textContent = 'valid tag';
    }else {
      document.getElementById('result').textContent = 'Invalid tag';
    }
  }

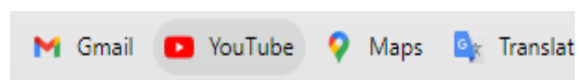
</script>
</html>

```





valid tag





Invalid tag

```

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" type="text/css" href="./To.css">
  <style>
    ul li:nth-child(even) {
      background-color: yellow;
    }
  </style>
</head>

<body>






  <form id="task-form"><label for="task-name">Task Name:</label>
    <input type="text" id="task-name" name="task-name">
    <button type="submit">Add Task</button>
    <button id="remove">Remove Task</button></form>

  <ul id="task-list"></ul>

</body>
<script defer src="To.js"></script>

</html>

```

 Gmail
  YouTube
  Maps
  Translate
  Home - DJ Mwangi

Task Name:

- task 1
- task 2
- task 3
- task 4

```

const taskForm = document.getElementById('task-form');
const taskList = document.getElementById('task-list');

taskForm.addEventListener('submit', function(event) {
    event.preventDefault();

    const taskName = document.getElementById('task-name').value;
    const taskId = `task-${Date.now()}`;

    const taskData = {
        name: taskName
    };
    localStorage.setItem(taskId, JSON.stringify(taskData));

    const taskElement = document.createElement('li');
    taskElement.innerText = taskName;
    taskElement.setAttribute('data-task-id', taskId);
    taskList.appendChild(taskElement);

    document.getElementById('task-name').value = '';
});

const deleteBtn = document.getElementById('remove');
deleteBtn.addEventListener('click', function() {
    const taskName = document.getElementById('task-name').value;
    const taskElements = document.querySelectorAll('#task-list li');
    taskElements.forEach(function(taskElement) {
        const taskId = taskElement.getAttribute('data-task-id');
        const taskData = JSON.parse(localStorage.getItem(taskId));

        if (taskData && taskData.name === taskName) {
            taskList.removeChild(taskElement);

            localStorage.removeItem(taskId);
        }
    });
});

document.getElementById('task-name').value = '';
});

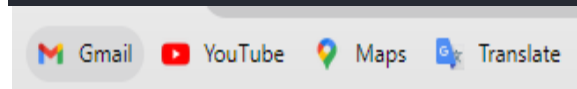
```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <script src="QN4.js" type="text/javascript"></script>
  <script src="fetch-pie.js" type="text/javascript"></script>
</head>
<body>
  <h1>Whitaker's Desserts</h1>
  <h2 id="cookie-header">Whitaker's Cookie Jar:</h2>
  <ul id="cookie-jar">
    <li class="cookie">Chocolate Chip</li>
    <li class="cookie">Oatmeal raisin</li>
    <li class="cookie">Macaroon</li>
  </ul>
  <p id="cookie-count"></p>
  <h2>Whitaker's Pie Cupboard:</h2>
  <ul id="pie-cupboard">
  </ul>
  <button id="moar-pie">Moar Pie!</button>
</body>

</html>

```



# Whitaker's Desserts

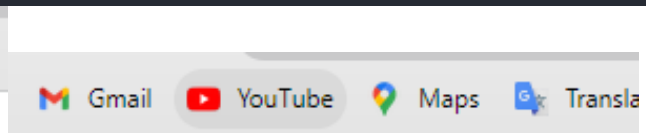
## Whitaker's Cookie Jar:

- Chocolate Chip
- Oatmeal raisin
- Macaroon

There are 3 cookies in the cookie jar!

## Whitaker's Pie Cupboard:

Moar Pie!



# Whitaker's Desserts

## Whitaker's Cookie Jar:

- Chocolate Chip

There is 1 cookie in the cookie jar!

## Whitaker's Pie Cupboard:

Moar Pie!

```

document.addEventListener('DOMContentLoaded', function() {
    var cookieHeader = document.querySelector('#cookie-header');
    cookieHeader.style.color = '#f7f16d';
});

document.addEventListener('DOMContentLoaded', function() {
    var cookieList = document.querySelectorAll('#cookie-jar .cookie');
    var cookieCount = cookieList.length;
    var cookieCountText = `There ${cookieCount === 1 ? 'is' : 'are'}
${cookieCount} cookie${cookieCount === 1 ? '' : 's'} in the cookie jar!`;
    var cookieCountParagraph = document.querySelector('#cookie-count');
    cookieCountParagraph.textContent = cookieCountText;
    cookieCountParagraph.style.color = '#f7f16d';
});

document.addEventListener('DOMContentLoaded', function() {
    var cookieList = document.querySelectorAll('#cookie-jar .cookie');
    var cookieCountParagraph = document.querySelector('#cookie-count');

    function removeLastCookie() {
        if (cookieList.length > 0) {
            var lastCookie = cookieList[cookieList.length - 1];
            lastCookie.parentNode.removeChild(lastCookie);
            cookieList = document.querySelectorAll('#cookie-jar .cookie');
            cookieCountParagraph.textContent = `There ${cookieList.length === 1 ?
'is' : 'are'} ${cookieList.length} cookie${cookieList.length === 1 ? '' : 's'} in
the cookie jar!`;
        }
    }

    setInterval(removeLastCookie, 30000);
});

```