

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Did You Know?</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background: #f5f5f5;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }
    .card {
      background: white;
      padding: 2rem;
      border-radius: 12px;
      box-shadow: 0 4px 12px rgba(0,0,0,0.1);
      max-width: 500px;
      text-align: center;
    }
    h1 {
      color: #333;
    }
    p {
      font-size: 1.2rem;
      color: #555;
    }
  </style>
</head>
<body>
  <div class="card">
    <h1>Did You Know?</h1>
    <p>...</p>
  </div>
</body>
</html>
```

```
button {
  margin-top: 1rem;
  padding: 0.5rem 1rem;
  font-size: 1rem;
  border: none;
  border-radius: 8px;
  background: #4CAF50;
  color: white;
  cursor: pointer;
}
button:hover {
  background: #45a049;
}
</style>
</head>
<body>
  <div class="card">
    <h1>Did You Know?</h1>
    <p id="fact"></p>
    <button onclick="newFact()">Show Another Fact</
button>
  </div>

  <script>
    const facts = [
      "Bananas are berries, but strawberries are not.",
      "Octopuses have three hearts.",
      "Honey never spoils. Archaeologists found
3000-year-old honey still edible.",
      "Sharks existed before trees.",
```

```
"Wombat poop is cube-shaped.",  
"The Eiffel Tower can grow taller in summer due to  
heat expansion.",  
"A day on Venus is longer than a year on Venus."  
];
```

```
function newFact() {  
  const randomIndex = Math.floor(Math.random() *  
facts.length);  
  document.getElementById("fact").innerText =  
facts[randomIndex];  
}
```

```
// Show a fact when page loads  
newFact();  
</script>  
</body>  
</html>
```

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