```html
<!-- PRACTICAL-13: Write a JavaScript to create election map. The code should have two candidates running for
president and display the number of votes they received from each state, both in a table on the bottom right and when
you hover mouse over a state. [Hint: BOM, DOM, Events] [Bonus: Created map should change the colour and pop
the name of the state.]

Name: Angat Shah
Enrollment No: 202203103510097
Branch: B.Tech Computer Science and Engineering -->

<!-- CODE -->

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>PRACTICAL-13 (ELECTION MAP)</title>
  <style>
    #map {
      width: 600px;
      height: 400px;
      position: relative;
      border: 1px solid #ccc;
    }
    #map svg {
      width: 100%;
      height: 100%;
    }
    #info {
      position: absolute;
      bottom: 10px;
      right: 10px;
      background-color: white;
      padding: 10px;
      border: 1px solid #ccc;
    }
  </style>
</head>
<body>
  <div id="map"></div>
  <div id="info">
    <h3>Election Results</h3>
    <table id="results">
      <tr>
        <th>State</th>
        <th>Candidate 1</th>
        <th>Candidate 2</th>
      </tr>
    </table>
  </div>
  <script src="election-map.js">
    const electionData = {
    "California": { candidate1: 3000000, candidate2: 2500000 },
    "Texas": { candidate1: 2800000, candidate2: 3200000 },
    "New York": { candidate1: 2000000, candidate2: 1800000 },
    };
    const mapContainer = document.getElementById('map');
    const infoDiv = document.getElementById('info');
    const resultsTable = document.getElementById('results');
```

```javascript
const electionMap = document.createElementNS("http://www.w3.org/2000/svg", "svg");
electionMap.setAttribute('width', '100%');
electionMap.setAttribute('height', '100%');
mapContainer.appendChild(electionMap);
electionMap.addEventListener('mouseover', (event) => {
  if (event.target.tagName === 'path') {
    const stateName = event.target.getAttribute('data-state');
    const stateData = electionData[stateName];

    if (stateData) {
      const html = `<h3>${stateName}</h3>
              <p>Candidate 1: ${stateData.candidate1}</p>
              <p>Candidate 2: ${stateData.candidate2}</p>`;
      infoDiv.innerHTML = html;
    }
  }
});
for (const stateName in electionData) {
  const statePath = document.createElementNS("http://www.w3.org/2000/svg", "path");
  statePath.setAttribute('d', getStatePath(stateName));
  statePath.setAttribute('data-state', stateName);
  statePath.setAttribute('fill', '#ccc');
  statePath.setAttribute('stroke', '#333');
  electionMap.appendChild(statePath);
}
function getStatePath(stateName) {
  const paths = {
    "California": "M 10,30 L 40,30 L 40,70 L 10,70 Z",
    "Texas": "M 50,50 L 80,50 L 80,90 L 50,90 Z",
    "New York": "M 90,10 L 120,10 L 120,50 L 90,50 Z",
  };
  return paths[stateName];
}
for (const stateName in electionData) {
  const stateData = electionData[stateName];
  const row = resultsTable.insertRow();
  row.insertCell(0).textContent = stateName;
  row.insertCell(1).textContent = stateData.candidate1;
  row.insertCell(2).textContent = stateData.candidate2;
}
</script>
</body>
</html>
```