

**Faculty of Technology and Engineering**  
**Chandubhai S Patel Institute of Technology**  
**Department of Computer Science & Engineering**

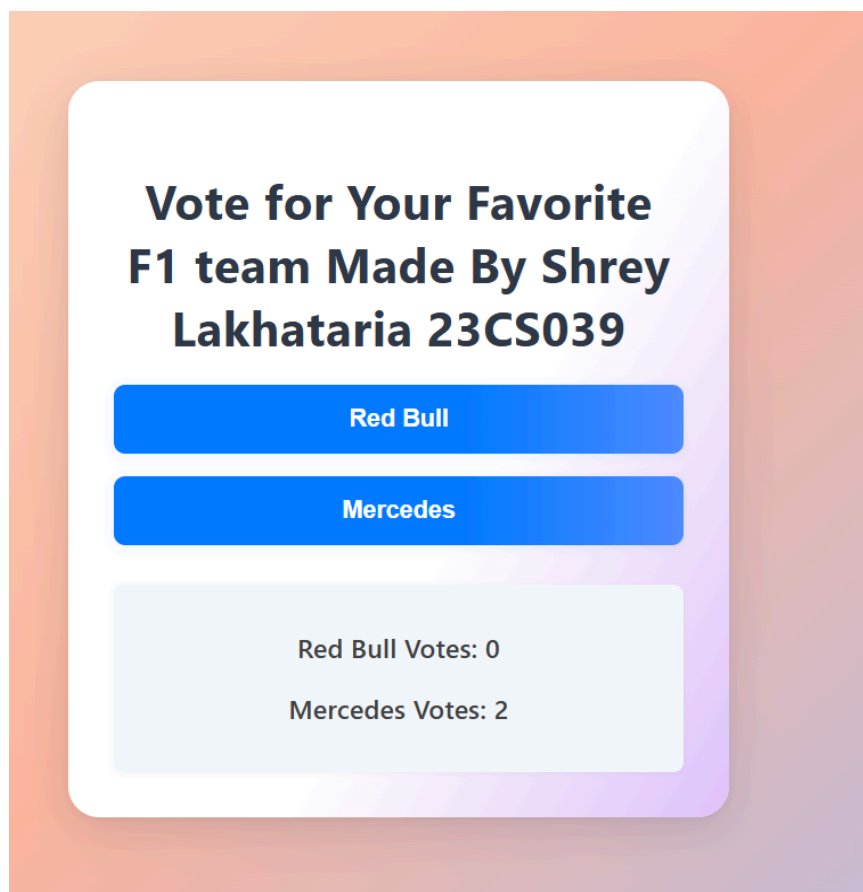
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Date: 18 / 09 / 2025

**Practical-1**

Academic Year	:	2022-23	Semester	:	5
Course code	:	CSE_304	Course name	:	Full Stack Development

Screenshot:



Code:

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Voting System</title>
  <link rel="stylesheet" href="global.css">
</head>
<body>
  <div class="poll-container">
    <h1>Vote for Your Favorite F1 team </h1>
    <div class="options">
      <button onclick="vote('option1')">Red Bull</button>
      <button onclick="vote('option2')">Mercedes</button>
    </div>
    <div class="results">
      <p>Red Bull Votes: <span id="option1-votes">0</span></p>
      <p>Mercedes Votes: <span id="option2-votes">0</span></p>
    </div>
  </div>
  <script src="script.js"></script>
</body>
</html>
```

JS:

```
const votes = {
  option1: 0,
  option2: 0
};
```

```

function vote(option) {
  if (votes[option] !== undefined) {
    votes[option]++;
    updateVotesUI();
  }
}

function updateVotesUI() {
  document.getElementById('option1-votes').textContent = votes.option1;
  document.getElementById('option2-votes').textContent = votes.option2;
}

function simulateRealTimeVoting() {
  setInterval(() => {
    const randomOption = Math.random() < 0.5 ? 'option1' : 'option2';
    votes[randomOption]++;
    updateVotesUI();
  }, 2000);
}

// Start simulating real-time voting
simulateRealTimeVoting(); // calling function to start the simulation

```

```

CSS: body {
  font-family: 'Segoe UI', Arial, sans-serif;
  background: linear-gradient(135deg, #ffecd2 0%, #fcb69f 50%, #a1c4fd
100%);
  margin: 0;
  padding: 0;
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
}

```

```
.poll-container {
  text-align: center;
  background: linear-gradient(120deg, #ffffff 60%, #e0c3fc 100%);
  padding: 40px 32px 32px 32px;
  border-radius: 22px;
  box-shadow: 0 8px 32px rgba(60, 72, 100, 0.18), 0 1.5px 4px
  rgba(0,0,0,0.04);
  max-width: 400px;
  width: 100%;
  transition: box-shadow 0.3s;
}

.poll-container:hover {
  box-shadow: 0 12px 40px rgba(60, 72, 100, 0.22), 0 2px 8px
  rgba(0,0,0,0.06);
}

h1 {
  color: #2d3748;
  font-size: 2.1rem;
  margin-bottom: 18px;
  letter-spacing: 0.5px;
}

.options {
  display: flex;
  flex-direction: column;
  gap: 16px;
  margin-bottom: 18px;
}

.options button {
  background: linear-gradient(90deg, #007bff 60%, #4f8cff 100%);
  color: #fff;
  border: none;
```

```
padding: 14px 0;
border-radius: 8px;
cursor: pointer;
font-size: 1.08rem;
font-weight: 600;
box-shadow: 0 2px 8px rgba(0,123,255,0.08);
transition: background 0.2s, transform 0.1s;
outline: none;
}

.options button:hover, .options button:focus {
  background: linear-gradient(90deg, #0056b3 60%, #357ae8 100%);
  transform: translateY(-2px) scale(1.03);
}

.results {
  margin-top: 28px;
  font-size: 1.15rem;
  color: #444;
  background: #f1f5fb;
  border-radius: 7px;
  padding: 14px 0;
  box-shadow: 0 1px 4px rgba(0,0,0,0.04);
  font-weight: 500;
  letter-spacing: 0.2px;
}

@media (max-width: 500px) {
  .poll-container {
    padding: 24px 8px 18px 8px;
    max-width: 98vw;
  }
  h1 {
    font-size: 1.3rem;
  }
}
```

```
.results {  
  font-size: 1rem;  
}  
}
```