1.2

AIM:- Responsive Banking UI with Deposit/Withdrawal Buttons and Balance Display

Apparatus Required:- HTML, CSS, JavaScript

Code:-

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>Banking UI</title>
  <link rel="stylesheet" href="style.css" />
</head>
<body>

  <div class="container">
    <h1>MyBank Portal</h1>

    <div class="balance-card">
      <h2>Current Balance</h2>
      <p id="balance">₹0.00</p>
```

```html
        </div>

        <div class="transaction-section">
          <input type="number" id="amount" placeholder="Enter amount" min="1"/>
          <div class="btn-group">
            <button id="deposit">Deposit</button>
            <button id="withdraw">Withdraw</button>
          </div>
        </div>

        <div class="history">
          <h3>Transaction History</h3>
          <ul id="history-list"></ul>
        </div>
      </div>

    <script src="script.js"></script>
</body>
</html>
```

CSS

```css
/* Reset + Base */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
```

```css
  font-family: 'Segoe UI', sans-serif;

  background: linear-gradient(to right, #74ebd5, #9face6);

  min-height: 100vh;

  display: flex;

  justify-content: center;

  align-items: center;

  padding: 20px;
}

.container {

  background: #fff;

  padding: 30px;

  border-radius: 12px;

  box-shadow: 0 10px 20px rgba(0,0,0,0.1);

  width: 100%;

  max-width: 400px;
}

h1 {

  text-align: center;

  margin-bottom: 25px;

  color: #2c3e50;
}

.balance-card {

  background: #ecf0f1;

  padding: 20px;

  border-radius: 10px;

  text-align: center;
```

```css
    margin-bottom: 20px;
}


.balance-card h2 {
  font-size: 20px;
  margin-bottom: 10px;
}


#balance {
  font-size: 28px;
  font-weight: bold;
  color: #27ae60;
}


.transaction-section {
  display: flex;
  flex-direction: column;
  gap: 10px;
  margin-bottom: 25px;
}


input[type="number"] {
  padding: 12px;
  font-size: 16px;
  border: 1px solid #bdc3c7;
  border-radius: 6px;
  outline: none;
}
```

```css
input[type="number"]:focus {
  border-color: #3498db;
}

.btn-group {
  display: flex;
  justify-content: space-between;
  gap: 10px;
}

button {
  flex: 1;
  padding: 12px;
  border: none;
  border-radius: 6px;
  font-size: 16px;
  color: #fff;
  cursor: pointer;
  transition: 0.3s ease-in-out;
}

#deposit {
  background-color: #2ecc71;
}

#deposit:hover {
  background-color: #27ae60;
}
```

```css
#withdraw {
  background-color: #e74c3c;
}


#withdraw:hover {
  background-color: #c0392b;
}


.history {
  margin-top: 20px;
}


.history h3 {
  margin-bottom: 10px;
}


#history-list {
  list-style-type: none;
  max-height: 150px;
  overflow-y: auto;
  padding-right: 5px;
}


#history-list li {
  padding: 8px;
  font-size: 14px;
  border-bottom: 1px solid #ddd;
}
```

```css
/* Responsive */
@media (max-width: 480px) {
  .container {
    padding: 20px;
  }

  h1 {
    font-size: 24px;
  }

  input[type="number"],
  button {
    font-size: 14px;
  }
}
```

JavaScript

```javascript
let balance = 0;
const balanceDisplay = document.getElementById("balance");
const amountInput = document.getElementById("amount");
const depositBtn = document.getElementById("deposit");
const withdrawBtn = document.getElementById("withdraw");
const historyList = document.getElementById("history-list");

function updateBalanceDisplay() {
  balanceDisplay.textContent = `₹${balance.toFixed(2)}`;
}
```

```javascript
function addHistoryEntry(type, amount) {
  const li = document.createElement("li");
  li.textContent = `${type}: ₹${amount.toFixed(2)}`;
  li.style.color = type === "Deposit" ? "#2ecc71" : "#e74c3c";
  historyList.prepend(li);
}

function showAlert(msg) {
  alert(msg);
}

depositBtn.addEventListener("click", () => {
  const amount = parseFloat(amountInput.value);

  if (isNaN(amount) || amount <= 0) {
    showAlert("Please enter a valid deposit amount.");
    return;
  }

  balance += amount;
  updateBalanceDisplay();
  addHistoryEntry("Deposit", amount);
  amountInput.value = "";
});
```
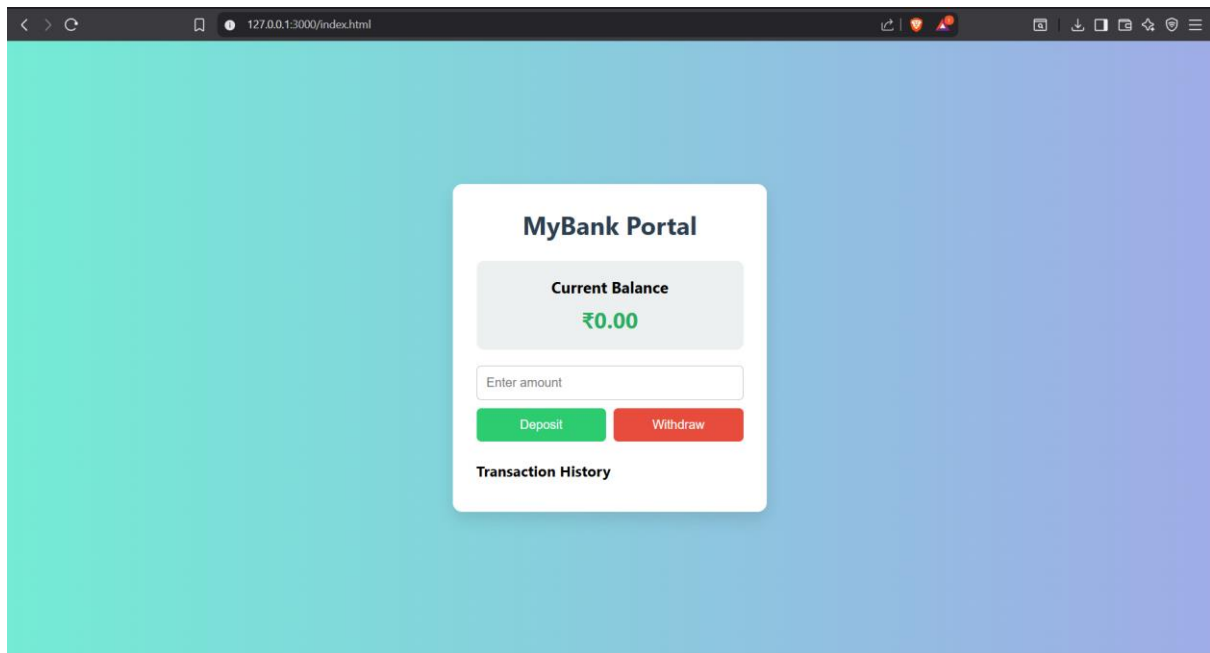
```javascript
withdrawBtn.addEventListener("click", () => {
  const amount = parseFloat(amountInput.value);

  if (isNaN(amount) || amount <= 0) {
    showAlert("Please enter a valid withdrawal amount.");
    return;
  }

  if (amount > balance) {
    showAlert("Insufficient funds!");
    return;
  }

  balance -= amount;
  updateBalanceDisplay();
  addHistoryEntry("Withdraw", amount);
  amountInput.value = "";
});

// Initialize
updateBalanceDisplay();
```

OUTPUT:-

The link for the above page is as follows http://127.0.0.1:3000/index.html