**EXPERIMENT – 1.2**

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Subject & Code : FULL STACK – 23CSP-339

Section & Group : 23BCC-1 A

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

**Theory:**

The Responsive Banking UI is a front-end web application built using **HTML**, **CSS**, and **JavaScript** to simulate basic banking operations such as depositing and withdrawing money, with real-time balance updates.

* **HTML** is used to structure the interface, including the balance display, amount input field, and buttons for deposit/withdrawal.
* **CSS** ensures the layout is **responsive**, meaning it adapts to different screen sizes (desktop, tablet, mobile). Styling includes background gradients, padding, hover effects, and media queries for small screens.
* **JavaScript** provides the **interactive logic**, allowing the application to:
  + Validate user input (only positive numbers are accepted).
  + Update the balance dynamically without page reload.
  + Prevent withdrawals that exceed the current balance.
* The responsive design and simple logic make the interface intuitive, user-friendly, and adaptable for learning or prototyping purposes.

**Conclusion:**

This project demonstrates how **HTML, CSS, and JavaScript** can be combined to create an interactive, user-friendly, and responsive banking interface. It helps learners understand:

* **DOM manipulation** for real-time updates.
* **Responsive design principles** for multi-device compatibility.
* **Form validation** and conditional logic in JavaScript.  
  While it is not connected to a real banking database, it effectively simulates basic account transactions, making it a solid foundation for more advanced financial web applications

## SNAPSHOTS:

