

Task # 8:

Task: Bank Application

Objective:

To reinforce understanding of JavaScript basics through a practical exercise involving a simple bank application.

Instructions:

Overview:

You are provided with the HTML and JavaScript code for a basic bank application. The application allows users to create an account with an initial balance, deposit funds into the account, and withdraw funds from the account. Your task is to understand the provided code and complete the missing parts.

Tasks to Complete:

Implement the **createAccount()** function to store the account name and initial balance in the browser's local storage.

Implement the **deposit()** function to add deposited funds to the account balance.

Implement the **withdraw()** function to subtract withdrawn funds from the account balance.

Ensure **proper validation** for input fields and display appropriate alerts for errors or successful transactions.

Complete the **updateBalance()** function to display the current account balance.

Guidelines:

- Follow the comments in the JavaScript code to understand the flow of execution and the purpose of each function.
- Pay attention to data types and validation checks to ensure the correctness of the application's behavior.
- Test the application thoroughly by creating accounts, depositing funds, and withdrawing funds to ensure it functions as expected.
- Use local Storage for storing and retrieving account information.
- Ensure a user-friendly interface with clear instructions and feedback messages.

User Interface:

- ✓ Create a simple and intuitive interface without the need for extensive CSS styling.
- ✓ Focus on functionality rather than visual appearance.

Note:

This task is designed to assess your understanding of JavaScript fundamentals, including variables, functions, DOM manipulation, and local storage usage. Take your time to comprehend the provided code and approach the tasks systematically.

Screenshots:

Welcome to the Bank

Account Information
Account Name:
Initial Balance:
Create Account

Transaction
Amount:
Deposit Withdraw

Current Balance

Welcome to the Bank

Account Information
Account Name:
Initial Balance:
Create Account

Transaction
Amount:
Deposit Withdraw

Current Balance

This page says
Account created successfully!

OK