

User interface

Monthly Balance Calculator

Add Transaction

Date:

Type:

Amount:

Transactions

Date	Amount	Running Balance
12/01/2009	\$ 100.00	\$ 2100.00
12/04/2009	\$ 100.00	\$ 2200.00
12/08/2009	\$ -300.00	\$ 1900.00

Summary

Starting Balance:

Total Deposits:

Total Withdrawals:

Ending Balance:

Operation

- This application allows the user to enter deposits and withdrawals for a bank account, and it calculates and displays the deposits and withdrawals with a running balance as well as the starting balance, total deposits, total withdrawals, and ending balance.

Specifications

- Store the transactions in an array of arrays.
- Use functions to organize the code for this application.
- Assume that the account will have a starting balance of 2000.
- Place the website behind a sign-in page that uses a cookie to validate the user. If the cookie is present, the user does not need to sign-in. Set the cookie to expire every ten minutes.
- Validate all user entries:

- For the transaction date, make sure that the user enters a valid date in the mm/dd/yyyy format where the year is between 1,000 and 3,000.
- For the transaction amount, make sure that the user enters a valid number between 0 and 100,000.