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<?php

$account_balance = 0.0;

function check_balance($balance) {
    echo "Your current balance is: $" . number_format($balance, 2) . "\n";
}

function deposit(&$balance) {
    $amount = (float)readline("Enter the amount to deposit: $");
    if ($amount > 0) {
        $balance += $amount;
        echo "$" . " has been deposited.\n".number_format($amount, 2) ;
    } else {
    }
}

function withdraw(&$balance) {
    $amount = (float)readline("Enter the amount to withdraw: $");
    if ($amount > $balance) {
        echo "Insufficient balance. Please try a smaller amount.\n";
    } elseif ($amount <= 0) {
        echo "Invalid withdrawal amount. Please enter a positive number.\n";
    } else {
        $balance -= $amount;
        echo "$" . number_format($amount, 2) . " has been withdrawn.\n";
    }
}

function main() {
    global $account_balance;

    $max_attempts = 3;
    $attempts = 0;

    while ($attempts < $max_attempts) {
        echo "ATM System\n";
        echo "1. Check Balance\n";
        echo "2. Deposit Money\n";
        echo "3. Withdraw Money\n";
        echo "4. Exit\n";

        $choice = readline("Enter your choice: ");

        switch ($choice) {
            case '1':
                check_balance($account_balance);
                break;
            case '2':
                deposit($account_balance);
                break;
            case '3':
                withdraw($account_balance);
                break;
            case '4':
                echo "Thank you for using the ATM System. Goodbye!\n";
                return;
            default:
                echo "Invalid choice. Please select a valid option.\n";
        }
    }
}

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    }  
    $attempts++;  
}  
  
}
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main();  
?>
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