

//Mini ATM System in JavaScript

// Initialize account details

let balance = 5000;

const correctPin = 1234;

let transactions = 0;

let attempts = 0;

// User Login

function login() {

let pin = prompt("Enter your PIN:");

if (pin == correctPin) {

menu();

} else {

attempts++;

if (attempts < 2) {

alert("Incorrect PIN. Try again.");

login();

} else {

alert("Access blocked. Incorrect PIN entered twice.");

}

}

}

// Menu Options

```
function menu() {  
    let choice;  
    while (true) {  
        choice = prompt("Choose an option:\n1. Check Balance\n2. Deposit Money\n3. Withdraw  
Money\n4. Exit");  
        switch (choice) {  
            case "1":  
                checkBalance();  
                break;  
            case "2":  
                deposit();  
                break;  
            case "3":  
                withdraw();  
                break;  
            case "4":  
                exitProgram();  
                return;  
            default:  
                alert("Invalid choice. Please choose a valid option.");  
        }  
    }  
}
```

// Check Balance

```
function checkBalance() {
```

```
    alert(`Your current balance is: ${balance}`);

    transactions++;
}

// Deposit Money
function deposit() {
    let amount = Number(prompt("Enter the amount to deposit:"));

    balance += amount;

    alert(`Deposit successful. New balance: ${balance}`);

    transactions++;
}

// Withdraw Money
function withdraw() {
    let amount = Number(prompt("Enter the amount to withdraw:"));

    amount > balance ? alert("Insufficient funds.") : (balance -= amount, alert(`Withdrawal
successful. New balance: ${balance}`));

    transactions++;
}

// Exit Program
function exitProgram() {
    alert(`Thank you for using the ATM. You made ${transactions} transactions. Final balance:
${balance}`);
}

// Start the program
login();
```