import java.util.Scanner;

class BankAccount {

private double balance;

public BankAccount(double initialBalance) {

this.balance = initialBalance;

}

public void deposit(double amount) {

if (amount > 0) {

balance += amount;

System.out.println("Deposited: $" + amount);

} else {

System.out.println("Invalid deposit amount.");

}

}

public void withdraw(double amount) {

if (amount > 0 && amount <= balance) {

balance -= amount;

System.out.println("Withdrew: $" + amount);

} else {

System.out.println("Invalid withdrawal amount or insufficient funds.");

}

}

public void checkBalance() {

System.out.println("Current balance: $" + balance);

}

}

public class SimpleBankingApp {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

BankAccount account = new BankAccount(0); // Initial balance of $0

while (true) {

System.out.println("Welcome to Simple Banking App");

System.out.println("1. Deposit");

System.out.println("2. Withdraw");

System.out.println("3. Check Balance");

System.out.println("4. Exit");

System.out.print("Choose an option: ");

int choice = scanner.nextInt();

switch (choice) {

case 1:

System.out.print("Enter deposit amount: ");

double depositAmount = scanner.nextDouble();

account.deposit(depositAmount);

break;

case 2:

System.out.print("Enter withdrawal amount: ");

double withdrawAmount = scanner.nextDouble();

account.withdraw(withdrawAmount);

break;

case 3:

account.checkBalance();

break;

case 4:

System.out.println("Exiting...");

scanner.close();

return;

default:

System.out.println("Invalid choice. Please try again.");

}

}

}

}