Untitled-1

```java
import java.util.HashMap;
import java.util.Scanner;

class Account {
    private String accountNumber;
    private String accountHolder;
    private double balance;

    public Account(String accountNumber, String accountHolder, double initialBalance) {
        this.accountNumber = accountNumber;
        this.accountHolder = accountHolder;
        this.balance = initialBalance;
    }

    public String getAccountNumber() {
        return accountNumber;
    }

    public String getAccountHolder() {
        return accountHolder;
    }

    public double getBalance() {
        return balance;
    }

    public void deposit(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("Successfully deposited: VSCODE_PRINT_CONTENTquot; + amount);
        } else {
            System.out.println("Deposit amount must be positive.");
        }
    }

    public void withdraw(double amount) {
        if (amount > 0 && amount <= balance) {
            balance -= amount;
            System.out.println("Successfully withdrew: VSCODE_PRINT_CONTENTquot; + amount);
        } else {
            System.out.println("Insufficient balance or invalid amount.");
        }
    }
}

public class OnlineBankingSystem {
    private static HashMap<String, Account> accounts = new HashMap<>();
    private static Scanner scanner = new Scanner(System.in);
```

```
49
50      public static void main(String[] args) {
51          while (true) {
52              System.out.println("\n--- Online Banking System ---");
53              System.out.println("1. Create Account");
54              System.out.println("2. Check Balance");
55              System.out.println("3. Deposit");
56              System.out.println("4. Withdraw");
57              System.out.println("5. Exit");
58              System.out.print("Choose an option: ");
59
60              int choice = scanner.nextInt();
61              scanner.nextLine(); // Consume newline
62
63              switch (choice) {
64                  case 1:
65                      createAccount();
66                      break;
67                  case 2:
68                      checkBalance();
69                      break;
70                  case 3:
71                      deposit();
72                      break;
73                  case 4:
74                      withdraw();
75                      break;
76                  case 5:
77                      System.out.println("Exiting... Thank you for using the Online Banking
    System!");
78                      return;
79                  default:
80                      System.out.println("Invalid option. Please try again.");
81              }
82          }
83      }
84
85      private static void createAccount() {
86          System.out.print("Enter account number: ");
87          String accountNumber = scanner.nextLine();
88
89          System.out.print("Enter account holder's name: ");
90          String accountHolder = scanner.nextLine();
91
92          System.out.print("Enter initial balance: ");
93          double initialBalance = scanner.nextDouble();
94
95          Account newAccount = new Account(accountNumber, accountHolder, initialBalance);
96          accounts.put(accountNumber, newAccount);
97          System.out.println("Account created successfully!");
```

```
    }

    private static void checkBalance() {
        System.out.print("Enter account number: ");
        String accountNumber = scanner.nextLine();

        Account account = accounts.get(accountNumber);
        if (account != null) {
            System.out.println("Account Holder: " + account.getAccountHolder());
            System.out.println("Current Balance: VSCODE_PRINT_CONTENTquot; +
account.getBalance());
        } else {
            System.out.println("Account not found.");
        }
    }

    private static void deposit() {
        System.out.print("Enter account number: ");
        String accountNumber = scanner.nextLine();

        Account account = accounts.get(accountNumber);
        if (account != null) {
            System.out.print("Enter amount to deposit: ");
            double amount = scanner.nextDouble();
            account.deposit(amount);
        } else {
            System.out.println("Account not found.");
        }
    }

    private static void withdraw() {
        System.out.print("Enter account number: ");
        String accountNumber = scanner.nextLine();

        Account account = accounts.get(accountNumber);
        if (account != null) {
            System.out.print("Enter amount to withdraw: ");
            double amount = scanner.nextDouble();
            account.withdraw(amount);
        } else {
            System.out.println("Account not found.");
        }
    }
}

```