Bank Account User Guide

Main Menu

```
System.out.println("\nWelcome to the Java Bank!");
System.out.println("1. New Customer");
System.out.println("2. Existing Customer");
System.out.println("3. Quit");
```

Sub-Menu 1

```
System.out.println("\nWhat type of account would you like to open today?");
System.out.println("1. Checking Account");
System.out.println("2. Savings Account");
System.out.println("3. IRA Account");
```

Sub-Menu 2

```
System.out.println("What would you like to do?");
System.out.println("1. Create New Account");
System.out.println("2. Deposit Money");
System.out.println("3. Withdraw Money");
System.out.println("4. Update Account Information");
System.out.println("5. Close individual Account");
System.out.println("6. Close All Accounts");
System.out.println("7. Account Information Report");
```

1. Users will first be prompted to select whether they are a New or Existing Customer by entering the number selection. (i.e. 1 for New Customer).
2. Based on this selection it will drive the next menu.
   a. **New Customers** will be prompted for their Name and Address for their account and then what type of Account they would like to open as seen in Sub-Menu 1.
   b. **Existing Customers** will be able to select from a variety of options, each with their own submenu options.
      i. If an existing customer would like to open a new account Sub-Menu 1 will be used.
      ii. **Users can open multiple accounts of the same type.
      iii. **All accounts have unique AccountNumber that are created at account opening. This is needed to Deposit, Withdraw or close Account.
      iv. **A unique CustomerId is created at account opening.
   c. **Deposit**
      i. Allows users to deposit funds into the account of their choosing based on the account number.
   d. **Withdraw**
      i. Allows users to withdraw funds from the account of their choosing based on the account number.
   e. **Update Account Information**
      i. Allows users to update the Name or Address on their account.

        ii. The user will need to use their assigned CustomerId to update their account.

    f. Close Individual Account
        i. Allows users to close a specific account based on AccountNumber.

    g. Close All Accounts
        i. Allows users to close all accounts tied to their CustomerId.

    h. Print Report
        i. Allows users to view all account information tied to their CustomerId.

Checking Account Menu

```java
System.out.println("What type of Checking Account would you like to open today?");
System.out.println("1. Basic Checking Account");
System.out.println("2. Premium Checking Account");
System.out.println();
System.out.println("See account differences below to guide your selection.");

//Create Array list to display Different Types of Checking Accounts.
ArrayList<String> checkingAccountInfo = new ArrayList<>();
checkingAccountInfo.add("Basic Checking Account");
checkingAccountInfo.add("========================");
checkingAccountInfo.add("$300 Daily Withdrawal Limit");
checkingAccountInfo.add("$1 Fee on all Transactions");
checkingAccountInfo.add("");
checkingAccountInfo.add("Premium Checking Account");
checkingAccountInfo.add("========================");
checkingAccountInfo.add("$500 Daily Withdrawal Limit");
checkingAccountInfo.add("No Transaction Fees");
checkingAccountInfo.add("*** Both Account Types have a $35 Overdraft Fee ***");
checkingAccountInfo.add("");
```

1. Two types of Checking Accounts are available: a Basic or Premium with each account definition presented for the user to review to drive their selection.
2. From here the user can select if they wish to open their account with an initial deposit.

Savings Account Menu

```java
System.out.println("What type of Savings Account would you like to open today?");
System.out.println("1. Standard Savings");
System.out.println("2. HighYield");
System.out.println();
System.out.println("See account differences below to guide your selection.");

//Create Array list to display Different Types of Savings Accounts.
ArrayList<String> savingsAccountInfo = new ArrayList<>();
savingsAccountInfo.add("Standard Savings Account Info");
savingsAccountInfo.add("$50 minimum deposit");
savingsAccountInfo.add("0.15% Annual Percentage Yield");
savingsAccountInfo.add("Monthly withdrawal/transfer limit is 9 per month");
savingsAccountInfo.add("$5.00 withdrawal fee");
savingsAccountInfo.add("");
savingsAccountInfo.add("High Yield Savings Account Info");
savingsAccountInfo.add("$500 minimum deposit");
savingsAccountInfo.add("0.40% Annual Percentage Yield");
savingsAccountInfo.add("Monthly withdrawal/transfer limit is 5 per month");
savingsAccountInfo.add("$5.00 withdrawal fee");
savingsAccountInfo.add("");
```

1. Two types of Savings Accounts are available: a Standard or High Yield with each account definition presented for the user to review to drive their selection.
2. From here the user can select if they wish to open their account with an initial deposit.

IRA Account Menu

```java
System.out.println("What type of IRA Account would you like to open today?");
System.out.println("1. Traditional IRA Account");
System.out.println("2. Roth IRA Account");
```

1. Two types of IRA Accounts are available: a Traditional or Roth account.
2. From here the user can select if they wish to open their account with an initial deposit.