

BANKING APP

ARRAY LIST IMPLEMENTATION

```
Project
└─ bankingapp-with-collection
   └─ src
      └─ main
         └─ java
            └─ com.indium.bankingapp
               └─ service
                  ├── AccountService
                  ├── AccountServiceArrListImpl
                  └── AccountServiceHashSetImpl.java
```

```
BankingAppMain.java
13 new *
14 public class BankingAppMain {
15
16     new *
17     public static void main(String[] args) {
18
19         Scanner scanner = new Scanner(System.in);
20
21         // Create instances of accountService
22         AccountService accountService = new AccountService();
23         AccountService accountService = new AccountServiceArrListImpl();
24         AccountService accountService = new AccountServiceHashSetImpl();
```

```
Run
C:\Program Files\Java\jdk-17\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.2.1\lib\idea_rt.jar=56068:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.2.1\bin" -Dfile.encoding=UTF-8

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 1
Enter Account Number: ICICI123
Enter Account Holder: Ram
Enter Account Type: Savings
Enter Initial Balance: 10500
Enter Rate of Interest: 5.5
Account added successfully.

Banking App Menu:
```

// Build completed successfully in 5 sec, 626 ms (16 minutes ago)

```
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BankingAppMain.java
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Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 2
All Accounts:
Account Number: ICICI123
Account Holder: Ram
Account Type: Savings
Balance: 10500.0
Rate of Interest: 5.5

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 3
Enter Account Number: ICICI123
Account Number: ICICI123
Account Holder: Ram
```

// Build completed successfully in 5 sec, 626 ms (16 minutes ago)

```
Project > bankingapp-with-collection D:\Training\indium_javabootcamp-batch...
> Q- Balance: x Cc W .* 3 results ↑ ↓ 🔍
  20 // Create instances of accountService
  21 AccountService accountService = new AccountService();
  22 AccountService accountService = new AccountServiceArrListImpl();

Run BankingAppMain x
...
Enter your choice: 3
Enter Account Number: ICICI123
Account Number: ICICI123
Account Holder: Ram
Account Type: Savings
Balance: 10500.0
Rate of Interest: 5.5

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 4
Enter Account Number: ICICI123
Enter New Account Holder Name: Karthick
Enter New Account Type: Current
Enter New Account Balance: 14000
Enter New Account Rate of Interest: 5.4
Account updated successfully.

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit

// Build completed successfully in 5 sec, 626 ms (17 minutes ago) 76:10 LF UTF-8 4 spaces
```

```
Project > bankingapp-with-collection D:\Training\indium_javabootcamp-batch...
> Q- Balance: x Cc W .* 3 results ↑ ↓ 🔍
  20 // Create instances of accountService
  21 AccountService accountService = new AccountService();
  22 AccountService accountService = new AccountServiceArrListImpl();

Run BankingAppMain x
...
Enter your choice: 2
All Accounts:
Account Number: ICICI123
Account Holder: Karthick
Account Type: Current
Balance: 14000.0
Rate of Interest: 5.4

Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Exit
Enter your choice: 5
Enter Account Number: ICICI123
Account deleted successfully.

// Build completed successfully in 5 sec, 626 ms (18 minutes ago) 76:10 LF UTF-8 4 spaces
```

bankingapp-with-collectionmain

BankingAppMain.java

BankingAppMain

Project

bankingapp-with-collectionD:\Training\indium_javabootcamp-batch1

idea

src

Balance:

3 results

20

// Create instances of accountService

21

AccountService accountService = new AccountService();

22

AccountService accountService = new AccountServiceArrListImpl();

Run

BankingAppMain

Enter your choice: 5

Enter Account Number: ICICI1123

Account deleted successfully.

Banking App Menu:

1. Add Account

2. View All Accounts

3. View Account

4. Update Account

5. Delete Account

6. Exit

Enter your choice: 2

All Accounts: 0

Banking App Menu:

1. Add Account

2. View All Accounts

3. View Account

4. Update Account

5. Delete Account

6. Exit

Enter your choice: 6

Thanks for visiting the app..

Process finished with exit code 0

// Build completed successfully in 5 sec, 626 ms (18 minutes ago)

76:10LFUTF-84 spaces