

Assignment 11: Banking App JDBC

Output:

```
Banking App Menu:
1. Add Account
2. View All Accounts
3. View Account
4. Update Account
5. Delete Account
6. Deposit
7. Withdraw
8. Print Statistics
9. Import
10. Export
11. Exit
1
Enter Account Number:
107
Enter Account Holder Name:
dinesh
Enter Initial Balance:
23000
Select Account Type:
1. Savings
2. Current
1
Account created successfully.
```

Data Base:

#	accountNumbe	accountHolderNam	balance	accountType
1	101	balaji	2300	Current
2	102	vijay	230000	Savings
3	103	rajesh	1200000	Current
4	104	rajesh	250000	Savings
5	105	rajesh	25000	Current
6	107	dinesh	23000	Savings

View All Accounts from DB:

```
2
BankAccount Details
Account Number: 101, Account Holder Name: balaji, Balance: 100000, Account Type: Savings
BankAccount Details
Account Number: 102, Account Holder Name: vijay, Balance: 230000, Account Type: Savings
BankAccount Details
Account Number: 103, Account Holder Name: rajesh, Balance: 1200000, Account Type: Current
BankAccount Details
Account Number: 104, Account Holder Name: rajesh, Balance: 250000, Account Type: Savings
BankAccount Details
Account Number: 105, Account Holder Name: vijay, Balance: 25000, Account Type: Current
```

View Account by given Account Number from DB:

```
3
Enter the Account Number:
103
Account Details:
BankAccount Details
Account Number: 103, Account Holder Name: rajesh, Balance: 1200000, Account Type: Current
```

Update Account from DB:

```
4
Enter Account Number
105
Enter new account holder name
rajesh
Account updated successfully
```

New name updated to DB (rajesh) Account Number 105

DB Output:

#	accountNumbe	accountHolderNam	balance	accountType
1	101	balaji	100000	Savings
2	102	vijay	230000	Savings
3	103	rajesh	1200000	Current
4	104	rajesh	250000	Savings
5	105	rajesh	25000	Current

Delete Account:

```
5
Enter Account Number:
101
Account deleted successfully.
```

DB Output:

101 Account removed from DB

#	accountNumbe	accountHolderNam	balance	accountType
1	102	vijay	230000	Savings
2	103	rajesh	1200000	Current
3	104	rajesh	250000	Savings
4	105	rajesh	25000	Current

Deposit Amount updated to DB:

6

Enter Account Number:

105

Enter deposit amount

100

Deposit successful.

#	accountNumbe	accountHolderNam	balance	accountType
1	102	vijay	230000	Savings
2	103	rajesh	1200000	Current
3	104	rajesh	250000	Savings
4	105	rajesh	25100	Current

Withdraw Amount updated to DB:

7

Enter Account Number

105

Enter withdraw amount:

100

Withdrawal successful.

#	accountNumbe	accountHolderNam	balance	accountType
1	102	vijay	230000	Savings
2	103	rajesh	1200000	Current
3	104	rajesh	250000	Savings
4	105	rajesh	25000	Current

Print Statistics Using DB data's:

8

No of accounts which has balance more than 1 lac: 3

Account count by account type:

Savings: 2

Current: 2

Account count by account type with sorting:

Current: 2

Savings: 2

Average balance by account type:

Savings: 240000.0

Current: 612500.0

Enter account name to search:

rajesh

Account IDs with account name containing "rajesh":

103

104

105

Import:

New record: balaji, 2300, 101, Current

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9

Imported 1 records

Export:

balaji,2300,101,Current
vijay,230000,102,Savings
rajesh,1200000,103,Current
rajesh,250000,104,Savings
rajesh,25000,105,Current
dinesh,23000,107, Savings

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10

Exported 6 account details

Thank You:

11

Thank you for using this bank. Goodbye!