

Assignment 9:

Enhance Java Console based Banking App with below functionalities with import and export the details from or to file as separate threads

- 1] Add Account
- 2] View All Accounts
- 3] View Account
- 4] Update Account
- 5] Delete Account
- 6] Print Statistics
 - a] No of accounts which has balance more than 1 lac
 - b] Show no of account by account type
 - c] Show no of accounts by account type with sorting
 - d] Show avg balance by account type
- e] List account ids whose account name contains given name
- 7] Import
- 8] Export
- 9] Exit

Folder structure:

```
bankingApp-with-impexp [indium_javabc]
├── JRE System Library [JavaSE-17]
├── src
│   └── com.indium.bankingapp
│       ├── BankingAppMain.java
│       ├── com.indium.bankingapp.enums
│       │   └── AccountType.java
│       ├── com.indium.bankingapp.model
│       │   └── Account.java
│       ├── com.indium.bankingapp.service
│       │   ├── AccountService.java
│       │   └── AccountServiceHashMapImpl.java
│       ├── input
│       │   └── input.txt
│       └── output
│           └── output.txt
```

Import & Export different threads

```
1] Add Account
2] View All Accounts
3] View Account
4] Update Account
5] Deposit Amount
6] Withdraw Amount
7] Print Statistics
8] Import
9] Export
10] Delete Account
11] Exit
Enter your choice: 8
importing data using Import thread
imported 4 records
```

```
1] Add Account
2] View All Accounts
3] View Account
4] Update Account
5] Deposit Amount
6] Withdraw Amount
7] Print Statistics
8] Import
9] Export
10] Delete Account
11] Exit
Enter your choice: 9
Exporting data using Export thread
exported 4 account details
```