Java Assignments

ASSIGNMENT 01: Build Java Console based Banking App which below functionalities using Arrays (bankingapp-with-arrays)

> 1] Add Account
> 2] View All Accounts
> 3] View Account
> 4] Update Account
> 5] Delete Account
> 6] Exit

ASSIGNMENT 02: Build Java Console based Banking App which below functionalities using Collection (HashMap) with Exception Handling (bankingapp-with-collection)

> 1] Add Account
> 2] Update Account
> 3] Delete Account
> 4] View Account
> 5] View All Accounts
> 6] Exit

ASSIGNMENT 03: Enhance Banking App to print below stats (bankingapp-with-collection-stats)

> 1] Add Account
> 2] Update Account
> 3] Delete Account
> 4] View Account
> 5] View All Accounts
> 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] Exit

ASSIGNMENT 04: Enhance Banking App to import and export the details from or to file as separate threads (bankingapp-with-impexp-thread)

        1] Add Account
        2] Update Account
        3] Delete Account
        4] View Account
        5] View All Accounts
        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 [Account Details]
        8] Export [Account Details]
        9] Exit

ASSIGNMENT 05: Enhance Banking App to persist account details in database and perform CRUD operations using JDBC (bankingapp-with-jdbc)

ASSIGNMENT 06: Enhance Banking App to do Account detail validation using Lambda Expression and implement Print Stats using Stream API (bankingapp-with-lamexp-stream-stats)

ASSIGNMENT 07: Migrate Banking App [ASSIGNMENT 06] as Maven Java project and add Junit test cases with Mockito (bankingapp-with-junit)