

Collection Assignment, Using Map Basic Level 1

Q1

Write a code to implement the following Map

Key	Value
1	Java
2	Salesforce
3	SQL
4	AWS

- Write code to insert values
- Write code to get values based on key.

Q2.

Based on the Previously created account class, create and implement following requirement.

Map<Integer,Account> , where key as accountNumber and value should be whole account object.

Key	Value
1	new Account(...)
2	new Account(...)
3	new Account(...)
4	new Account(...)

Implement following use cases .

- Insert account in Map , where key should be accountNumber.
- Get all the accounts based on location .
- Get all the account based on balance range.
- Get Account based on account number.

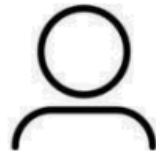
Q3

Based on above code based.

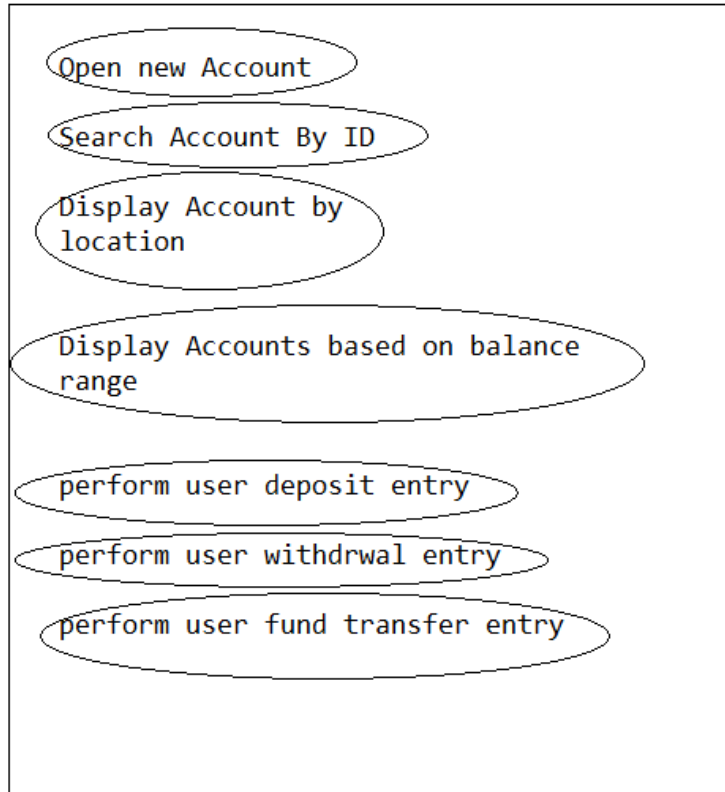
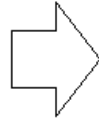
Create a List<Account>, and implement following use case.

- Group Accounts based on location
- So the resultant output should be a map of **Map<String,List<Account>>** , where string is the location name.

For ref, you can access the git hub shared.



Bank
Clerk



Concerns

- 1) While transferring or withdrawing fund, user have to maintain a minimum balance of 5000/- Rs otherwise "LowBalanceException" should be thrown.
- 2) Fund transfer use case
 - User should enter the Account number where funds to be transferred.
 - User should enter Account number of the source Account number.
 - User Should enter the amount to be transferred.
- 3) Result of `getAccountsByLocation(String location)` should return `Set<Account>`