

Readme

CSL 310 Assignment 4

To run and compile code:-

```
java -cp ../mysql-connector-java-5.1.46/mysql-connector-java-5.1.46-bin.jar Bank  
-i or -q
```

I have used the java jdbc class to connect to database and give queries and have generated random values from various different arrays.i have implemented the banking transactions system .

I have used the names.txt to get generate some random names and used some predefined arrays to generate random values.

I have assumed the input in the properties file for login credentials and used the queries are read from the queries.properties.

Up

I have calculated the transactions from opening date till given date specified in the file and checked for consistency.

I have used the .

I have used first the dictionary to save the key-value pairs of account_id as key and list of current_balance and opening date as values.

I have used the prepared statements to execute the queries and i have inserted 10 account holders per city and 2 bank account per person one saving and one current . I have added the transactions then after storing the active accounts in dictionary.

Sample Output:-

Query2

Category Total_Spending

entertainment 2219

salary 1453

dining 1254

grocery 2117

medical 6363

money transfer 3195

phone bill 1887

Tax 2492

Query3:

Query3:-

Enter month:

5

Enter city :

Ropar

Category Total_Spending

entertainment 24264

salary 29429

dining 17911

grocery 26472

medical 23425

money transfer 24974

phone bill 23165

Tax 22695

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