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2023-11-19 23:24:50,846 [main] [INFO] =====
Generating activity for 1 number of customers
=====
2023-11-19 23:24:50,847 [main] [INFO]
===== Generating customer Data
=====
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2023-11-19 23:24:50,847 [main] [INFO]
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2023-11-19 23:24:50,847 [Customer] [INFO] Generating new customer data for customer
: 1
2023-11-19 23:24:50,847 [Customer] [INFO] Getting customer id for customer : 1
2023-11-19 23:24:50,847 [Customer] [INFO] Random age for customer : 65
2023-11-19 23:24:50,847 [Customer] [INFO] Random gender for customer : Female
2023-11-19 23:24:50,848 [Customer] [INFO] Marital status of the customer : Married
2023-11-19 23:24:50,848 [Customer] [INFO] Number of children for the customer : 2
2023-11-19 23:24:50,848 [Customer] [INFO] Education level of the customer :
EducationLevel.HIGH_SCHOOL
2023-11-19 23:24:50,848 [Customer] [INFO] Annual income of the customer : 79040.0
2023-11-19 23:24:50,848 [Customer] [INFO] Number of accounts for the customer : 4
2023-11-19 23:24:50,848 [Customer] [INFO] Total credit line for the customer :
31616.0
2023-11-19 23:24:50,848 [Customer] [INFO] New customer data generated successfully
for customer : 1
2023-11-19 23:24:50,848 [Customer] [INFO] Converting from Customer object to list
to store for : 1000001
2023-11-19 23:24:50,848 [main] [INFO] -----
Generating Account Data for customer 1000001
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2023-11-19 23:24:50,848 [Account] [INFO] Random date opened for the account : 1991-
09-19
2023-11-19 23:24:50,849 [Account] [INFO] Account number for given account index and
customer : 10000011
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account :
14342.256077308213
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account :
143.42256077308213
2023-11-19 23:24:50,849 [Account] [INFO] Annual interest rate for given account :
23.19
2023-11-19 23:24:50,849 [Account] [INFO] New account data generated successfully
for given customer : 1000001 and account index : 1
2023-11-19 23:24:50,849 [Account] [INFO] Converting from Account object to list to
store for customer : 1000001, account : 10000011
2023-11-19 23:24:50,849 [Account] [INFO] Random date opened for the account : 2014-
10-23
2023-11-19 23:24:50,849 [Account] [INFO] Account number for given account index and
customer : 10000012
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account :
19793.824332161148
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account :
197.93824332161148
2023-11-19 23:24:50,849 [Account] [INFO] Annual interest rate for given account :
27.15
2023-11-19 23:24:50,849 [Account] [INFO] New account data generated successfully
for given customer : 1000001 and account index : 2
2023-11-19 23:24:50,849 [Account] [INFO] Converting from Account object to list to
store for customer : 1000001, account : 10000012
2023-11-19 23:24:50,849 [Account] [INFO] Random date opened for the account : 2021-

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2023-11-19 23:24:50,849 [Account] [INFO] Account number for given account index and customer : 10000013  
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account : 25642.573013537192  
2023-11-19 23:24:50,849 [Account] [INFO] Account credit line for given account : 256.4257301353719  
2023-11-19 23:24:50,849 [Account] [INFO] Annual interest rate for given account : 29.49  
2023-11-19 23:24:50,849 [Account] [INFO] New account data generated successfully for given customer : 1000001 and account index : 3  
2023-11-19 23:24:50,850 [Account] [INFO] Converting from Account object to list to store for customer : 1000001, account : 10000013  
2023-11-19 23:24:50,850 [Account] [INFO] Random date opened for the account : 1977-11-25  
2023-11-19 23:24:50,850 [Account] [INFO] Account number for given account index and customer : 10000014  
2023-11-19 23:24:50,850 [Account] [INFO] Account credit line for given account : 10679.604312325158  
2023-11-19 23:24:50,850 [Account] [INFO] Account credit line for given account : 106.7960431232516  
2023-11-19 23:24:50,850 [Account] [INFO] Annual interest rate for given account : 24.19  
2023-11-19 23:24:50,850 [Account] [INFO] New account data generated successfully for given customer : 1000001 and account index : 4  
2023-11-19 23:24:50,850 [Account] [INFO] Converting from Account object to list to store for customer : 1000001, account : 10000014  
2023-11-19 23:24:50,850 [main] [INFO] Storing accounts data  
2023-11-19 23:24:50,851 [Account] [INFO] Creating data folder if not exists  
2023-11-19 23:24:50,853 [Customer] [INFO] Writing headers into account\_data.csv file  
2023-11-19 23:24:50,853 [Account] [INFO] Writing account details into account\_data.csv file  
2023-11-19 23:24:50,853 [Account] [INFO] Account details have successfully stored into csv file. Accounts count : 4  
2023-11-19 23:24:50,854 [main] [INFO] Storing customers data  
2023-11-19 23:24:50,854 [Customer] [INFO] Writing headers into customer\_data.csv file  
2023-11-19 23:24:50,854 [Customer] [INFO] Writing customer details into customer\_data.csv file  
2023-11-19 23:24:50,854 [Customer] [INFO] Customer details have successfully stored into csv file. Customer count : 1  
2023-11-19 23:24:50,854 [main] [INFO] Generating the account activity for all customers  
2023-11-19 23:24:50,860 [Customer] [INFO] Converting list of value to Customer object for : 1000001  
2023-11-19 23:24:50,860 [Customer] [INFO] Fetched customer details from customer\_data.csv. Customers count : 1  
2023-11-19 23:24:50,860 [main] [INFO] Generating account activity for customer : 1000001  
2023-11-19 23:24:50,866 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000011  
2023-11-19 23:24:50,866 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000012  
2023-11-19 23:24:50,866 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000013  
2023-11-19 23:24:50,866 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000014  
2023-11-19 23:24:50,866 [Account] [INFO] Fetched account details from

account\_data.csv successfully  
2023-11-19 23:24:50,866 [main] [INFO] Generating account activity for account : 10000011  
2023-11-19 23:24:50,866 [main] [INFO] Generating account activity for month : 1  
2023-11-19 23:24:50,866 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,866 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,866 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,866 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,866 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,866 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:50,866 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110101  
2023-11-19 23:24:50,866 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,866 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,867 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,867 [Transaction] [INFO] Random purchase amount : 14002.713425859194  
2023-11-19 23:24:50,867 [main] [INFO] Customer purchased an amount of 14002.713425859194  
2023-11-19 23:24:50,867 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,867 [Transaction] [INFO] Interest to be added for the days : 8.896518475224664  
2023-11-19 23:24:50,867 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110102  
2023-11-19 23:24:50,867 [Transaction] [INFO] Available credit limit for the transaction : 339.5465741408061  
2023-11-19 23:24:50,867 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,867 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110101  
2023-11-19 23:24:50,867 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110102  
2023-11-19 23:24:50,867 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,867 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,867 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110102  
2023-11-19 23:24:50,867 [Transaction] [INFO] Available credit limit for the transaction : 330.650055665581  
2023-11-19 23:24:50,867 [Transaction] [INFO] Random portion from 0 to 1 : 0.8237728841519798  
2023-11-19 23:24:50,867 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110102  
2023-11-19 23:24:50,867 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,867 [Transaction] [INFO] Next payment day : 6 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,867 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:50,867 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110103  
2023-11-19 23:24:50,867 [Transaction] [INFO] Available credit limit for the transaction : 11873.034391122506

2023-11-19 23:24:50,868 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8184595065527762  
2023-11-19 23:24:50,868 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110103  
2023-11-19 23:24:50,868 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,868 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,868 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:50,868 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110104  
2023-11-19 23:24:50,868 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,868 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,868 [Transaction] [INFO] Available credit limit for the  
transaction : 13893.995564531859  
2023-11-19 23:24:50,868 [Transaction] [INFO] Random purchase amount :  
1072.304977920151  
2023-11-19 23:24:50,868 [main] [INFO] Customer purchased an amount of  
1072.304977920151  
2023-11-19 23:24:50,868 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,868 [Transaction] [INFO] Interest to be added for the days :  
7.745866626679157  
2023-11-19 23:24:50,868 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110105  
2023-11-19 23:24:50,868 [Transaction] [INFO] Available credit limit for the  
transaction : 12821.690586611707  
2023-11-19 23:24:50,868 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,868 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110104  
2023-11-19 23:24:50,868 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110105  
2023-11-19 23:24:50,868 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,868 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,868 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110105  
2023-11-19 23:24:50,868 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,868 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,868 [Transaction] [INFO] Available credit limit for the  
transaction : 12813.94471998503  
2023-11-19 23:24:50,868 [Transaction] [INFO] Random purchase amount :  
1288.1249137798563  
2023-11-19 23:24:50,868 [main] [INFO] Customer purchased an amount of  
1288.1249137798563  
2023-11-19 23:24:50,868 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,868 [Transaction] [INFO] Interest to be added for the days :  
16.145625086230666  
2023-11-19 23:24:50,869 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110106  
2023-11-19 23:24:50,869 [Transaction] [INFO] Available credit limit for the  
transaction : 11525.819806205172  
2023-11-19 23:24:50,869 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,869 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110105  
2023-11-19 23:24:50,869 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110106  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,869 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:50,869 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110106  
2023-11-19 23:24:50,869 [Transaction] [INFO] Available credit limit for the  
transaction : 11509.674181118942  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random portion from 0 to 1 :  
0.9209080821476148  
2023-11-19 23:24:50,869 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110106  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,869 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,869 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:50,869 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110107  
2023-11-19 23:24:50,869 [Transaction] [INFO] Available credit limit for the  
transaction : 14118.225355103228  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random portion from 0 to 1 :  
0.008998777827622595  
2023-11-19 23:24:50,869 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110107  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,869 [Transaction] [INFO] Next payment day : 19 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,869 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,869 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110108  
2023-11-19 23:24:50,869 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,869 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,869 [Transaction] [INFO] Available credit limit for the  
transaction : 14120.241393098344  
2023-11-19 23:24:50,869 [Transaction] [INFO] Random purchase amount :  
7710.166744929548  
2023-11-19 23:24:50,869 [main] [INFO] Customer purchased an amount of  
7710.166744929548  
2023-11-19 23:24:50,869 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,870 [Transaction] [INFO] Interest to be added for the days :  
75.93194054435283  
2023-11-19 23:24:50,870 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110109  
2023-11-19 23:24:50,870 [Transaction] [INFO] Available credit limit for the  
transaction : 6410.074648168797  
2023-11-19 23:24:50,870 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,870 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110108  
2023-11-19 23:24:50,870 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110109  
2023-11-19 23:24:50,870 [Transaction] [INFO] Random generated number from 1 to 7 :  
6

2023-11-19 23:24:50,870 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:24:50,870 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110109  
2023-11-19 23:24:50,870 [Transaction] [INFO] Available credit limit for the  
transaction : 6334.142707624444  
2023-11-19 23:24:50,870 [Transaction] [INFO] Random portion from 0 to 1 :  
0.0202201554230782  
2023-11-19 23:24:50,870 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110109  
2023-11-19 23:24:50,870 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,870 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,870 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,870 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110110  
2023-11-19 23:24:50,870 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,870 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,870 [Transaction] [INFO] Available credit limit for the  
transaction : 6496.068083922518  
2023-11-19 23:24:50,870 [Transaction] [INFO] Random purchase amount :  
4333.696331977328  
2023-11-19 23:24:50,870 [main] [INFO] Customer purchased an amount of  
4333.696331977328  
2023-11-19 23:24:50,870 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,870 [Transaction] [INFO] Interest to be added for the days :  
163.54304347626908  
2023-11-19 23:24:50,870 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110111  
2023-11-19 23:24:50,870 [Transaction] [INFO] Available credit limit for the  
transaction : 2162.371751945191  
2023-11-19 23:24:50,870 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,870 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110110  
2023-11-19 23:24:50,870 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110111  
2023-11-19 23:24:50,870 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,870 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,870 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110111  
2023-11-19 23:24:50,870 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,870 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,871 [Transaction] [INFO] Available credit limit for the  
transaction : 1998.8287084689218  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random purchase amount :  
46.056223309086974  
2023-11-19 23:24:50,871 [main] [INFO] Customer purchased an amount of  
46.056223309086974  
2023-11-19 23:24:50,871 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,871 [Transaction] [INFO] Interest to be added for the days :  
190.30438872274914  
2023-11-19 23:24:50,871 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110112

2023-11-19 23:24:50,871 [Transaction] [INFO] Available credit limit for the transaction : 1952.772485159834  
2023-11-19 23:24:50,871 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,871 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110111  
2023-11-19 23:24:50,871 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110112  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,871 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:24:50,871 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110112  
2023-11-19 23:24:50,871 [Transaction] [INFO] Available credit limit for the transaction : 1762.4680964370855  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random portion from 0 to 1 : 0.07392993319966812  
2023-11-19 23:24:50,871 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110112  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,871 [Transaction] [INFO] Next payment day : 30 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,871 [main] [INFO] Generating payment transaction for day : 30  
2023-11-19 23:24:50,871 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110113  
2023-11-19 23:24:50,871 [Transaction] [INFO] Available credit limit for the transaction : 2692.4912715332175  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random portion from 0 to 1 : 0.9971101363770892  
2023-11-19 23:24:50,871 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110113  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,871 [Transaction] [INFO] Next payment day : 35 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,871 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,871 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110114  
2023-11-19 23:24:50,871 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,871 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,871 [Transaction] [INFO] Available credit limit for the transaction : 14308.593757136281  
2023-11-19 23:24:50,871 [Transaction] [INFO] Random purchase amount : 7706.825876630666  
2023-11-19 23:24:50,871 [main] [INFO] Customer purchased an amount of 7706.825876630666  
2023-11-19 23:24:50,871 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,872 [Transaction] [INFO] Interest to be added for the days : 153.9156321313215  
2023-11-19 23:24:50,872 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110115  
2023-11-19 23:24:50,872 [Transaction] [INFO] Available credit limit for the transaction : 6601.767880505615  
2023-11-19 23:24:50,872 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,872 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110114  
2023-11-19 23:24:50,872 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110115  
2023-11-19 23:24:50,872 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,872 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 1  
2023-11-19 23:24:50,872 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:24:50,872 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,872 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,872 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,872 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,872 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:50,872 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110201  
2023-11-19 23:24:50,872 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,872 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,872 [Transaction] [INFO] Available credit limit for the  
transaction : 6447.852248374294  
2023-11-19 23:24:50,872 [Transaction] [INFO] Random purchase amount :  
5049.184334492471  
2023-11-19 23:24:50,872 [main] [INFO] Customer purchased an amount of  
5049.184334492471  
2023-11-19 23:24:50,872 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,872 [Transaction] [INFO] Interest to be added for the days :  
49.420120857935004  
2023-11-19 23:24:50,872 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110202  
2023-11-19 23:24:50,872 [Transaction] [INFO] Available credit limit for the  
transaction : 1398.6679138818236  
2023-11-19 23:24:50,872 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,872 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110201  
2023-11-19 23:24:50,872 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110202  
2023-11-19 23:24:50,872 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,872 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,872 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110202  
2023-11-19 23:24:50,872 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,872 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,873 [Transaction] [INFO] Available credit limit for the  
transaction : 1349.2477930238892  
2023-11-19 23:24:50,873 [Transaction] [INFO] Random purchase amount :  
1236.252921646992  
2023-11-19 23:24:50,873 [main] [INFO] Customer purchased an amount of  
1236.252921646992  
2023-11-19 23:24:50,873 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,873 [Transaction] [INFO] Interest to be added for the days :  
81.57119065602303



2023-11-19 23:24:50,873 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110203  
2023-11-19 23:24:50,873 [Transaction] [INFO] Available credit limit for the transaction : 112.99487137689721  
2023-11-19 23:24:50,873 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,873 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110202  
2023-11-19 23:24:50,873 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110203  
2023-11-19 23:24:50,873 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,873 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:50,873 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110203  
2023-11-19 23:24:50,873 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,873 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,873 [Transaction] [INFO] Available credit limit for the transaction : 31.423680720874472  
2023-11-19 23:24:50,873 [Transaction] [INFO] Random purchase amount : 10.40704308843678  
2023-11-19 23:24:50,873 [main] [INFO] Customer purchased an amount of 10.40704308843678  
2023-11-19 23:24:50,873 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,873 [Transaction] [INFO] Interest to be added for the days : 118.73758630083692  
2023-11-19 23:24:50,873 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110204  
2023-11-19 23:24:50,873 [Transaction] [INFO] Available credit limit for the transaction : 21.016637632437778  
2023-11-19 23:24:50,873 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,873 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110203  
2023-11-19 23:24:50,873 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110204  
2023-11-19 23:24:50,873 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,873 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,873 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110204  
2023-11-19 23:24:50,873 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,873 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,873 [Transaction] [INFO] Available credit limit for the transaction : -97.7209486683987  
2023-11-19 23:24:50,873 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest to be added for the days : 138.22871330190884  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110205  
2023-11-19 23:24:50,874 [Transaction] [INFO] Available credit limit for the transaction : -97.7209486683987  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110204  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110205  
2023-11-19 23:24:50,874 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,874 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110205  
2023-11-19 23:24:50,874 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,874 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,874 [Transaction] [INFO] Available credit limit for the  
transaction : -235.94966197030772  
2023-11-19 23:24:50,874 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest to be added for the days :  
158.25950561250116  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110206  
2023-11-19 23:24:50,874 [Transaction] [INFO] Available credit limit for the  
transaction : -235.94966197030772  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110205  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110206  
2023-11-19 23:24:50,874 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,874 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110206  
2023-11-19 23:24:50,874 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,874 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,874 [Transaction] [INFO] Available credit limit for the  
transaction : -394.20916758280873  
2023-11-19 23:24:50,874 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest to be added for the days :  
197.87102875476637  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110207  
2023-11-19 23:24:50,874 [Transaction] [INFO] Available credit limit for the  
transaction : -394.20916758280873  
2023-11-19 23:24:50,874 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110206  
2023-11-19 23:24:50,874 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110207  
2023-11-19 23:24:50,874 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,874 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,874 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110207  
2023-11-19 23:24:50,875 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,875 [main] [INFO] Current transaction type is

TransactionType.PURCHASE  
2023-11-19 23:24:50,875 [Transaction] [INFO] Available credit limit for the transaction : -592.0801963375743  
2023-11-19 23:24:50,875 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,875 [Transaction] [INFO] Interest to be added for the days : 210.14372732361755  
2023-11-19 23:24:50,875 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110208  
2023-11-19 23:24:50,875 [Transaction] [INFO] Available credit limit for the transaction : -592.0801963375743  
2023-11-19 23:24:50,875 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,875 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110207  
2023-11-19 23:24:50,875 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110208  
2023-11-19 23:24:50,875 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,875 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 2  
2023-11-19 23:24:50,875 [main] [INFO] Generating account activity for month : 3  
2023-11-19 23:24:50,875 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,875 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,875 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,875 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,875 [Transaction] [INFO] Next payment day : 4 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,875 [main] [INFO] Generating payment transaction for day : 4  
2023-11-19 23:24:50,875 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110301  
2023-11-19 23:24:50,875 [Transaction] [INFO] Available credit limit for the transaction : -802.2239236611913  
2023-11-19 23:24:50,875 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110301  
2023-11-19 23:24:50,875 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,875 [Transaction] [INFO] Next payment day : 11 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,875 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:50,875 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110302  
2023-11-19 23:24:50,875 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,875 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,875 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,875 [Transaction] [INFO] Random purchase amount : 10288.004527727107  
2023-11-19 23:24:50,875 [main] [INFO] Customer purchased an amount of 10288.004527727107  
2023-11-19 23:24:50,876 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,876 [Transaction] [INFO] Interest to be added for the days : 39.28078262699155  
2023-11-19 23:24:50,876 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110303

2023-11-19 23:24:50,876 [Transaction] [INFO] Available credit limit for the transaction : 4054.255472272893  
2023-11-19 23:24:50,876 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,876 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110302  
2023-11-19 23:24:50,876 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110303  
2023-11-19 23:24:50,876 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,876 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,876 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110303  
2023-11-19 23:24:50,876 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,876 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,876 [Transaction] [INFO] Available credit limit for the transaction : 4014.974689645902  
2023-11-19 23:24:50,876 [Transaction] [INFO] Random purchase amount : 91.7742606051567  
2023-11-19 23:24:50,876 [main] [INFO] Customer purchased an amount of 91.7742606051567  
2023-11-19 23:24:50,876 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,876 [Transaction] [INFO] Interest to be added for the days : 46.426111493335064  
2023-11-19 23:24:50,876 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110304  
2023-11-19 23:24:50,876 [Transaction] [INFO] Available credit limit for the transaction : 3923.200429040746  
2023-11-19 23:24:50,876 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,876 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110303  
2023-11-19 23:24:50,876 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110304  
2023-11-19 23:24:50,876 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,876 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,877 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110304  
2023-11-19 23:24:50,877 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,877 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,877 [Transaction] [INFO] Available credit limit for the transaction : 3876.7743175474116  
2023-11-19 23:24:50,877 [Transaction] [INFO] Random purchase amount : 1452.84855919073  
2023-11-19 23:24:50,877 [main] [INFO] Customer purchased an amount of 1452.84855919073  
2023-11-19 23:24:50,877 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,877 [Transaction] [INFO] Interest to be added for the days : 68.32346617617415  
2023-11-19 23:24:50,877 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110305  
2023-11-19 23:24:50,877 [Transaction] [INFO] Available credit limit for the transaction : 2423.9257583566814  
2023-11-19 23:24:50,877 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:50,877 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110304

2023-11-19 23:24:50,877 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110305

2023-11-19 23:24:50,877 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,877 [main] [INFO] Generating payment transaction for day : 11

2023-11-19 23:24:50,877 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110305

2023-11-19 23:24:50,877 [Transaction] [INFO] Available credit limit for the transaction : 2355.602292180507

2023-11-19 23:24:50,877 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110305

2023-11-19 23:24:50,877 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,877 [Transaction] [INFO] Next payment day : 13 for given payment type : D\_FULL\_RECURRING

2023-11-19 23:24:50,877 [main] [INFO] Generating transaction for day : 16

2023-11-19 23:24:50,877 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110306

2023-11-19 23:24:50,877 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,878 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,878 [Transaction] [INFO] Available credit limit for the transaction : 14342.26

2023-11-19 23:24:50,878 [Transaction] [INFO] Random purchase amount : 6635.94639318104

2023-11-19 23:24:50,878 [main] [INFO] Customer purchased an amount of 6635.94639318104

2023-11-19 23:24:50,878 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,878 [Transaction] [INFO] Interest to be added for the days : 67.77997169662588

2023-11-19 23:24:50,878 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110307

2023-11-19 23:24:50,878 [Transaction] [INFO] Available credit limit for the transaction : 7706.313606818961

2023-11-19 23:24:50,878 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,878 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110306

2023-11-19 23:24:50,878 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110307

2023-11-19 23:24:50,878 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,878 [main] [INFO] Generating transaction for day : 19

2023-11-19 23:24:50,878 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110307

2023-11-19 23:24:50,878 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,878 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,878 [Transaction] [INFO] Available credit limit for the transaction : 7638.533635122335

2023-11-19 23:24:50,878 [Transaction] [INFO] Random purchase amount : 5527.711080332024

2023-11-19 23:24:50,879 [main] [INFO] Customer purchased an amount of 5527.711080332024

2023-11-19 23:24:50,879 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,879 [Transaction] [INFO] Interest to be added for the days :  
148.49921388665027  
2023-11-19 23:24:50,879 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110308  
2023-11-19 23:24:50,879 [Transaction] [INFO] Available credit limit for the  
transaction : 2110.822554790311  
2023-11-19 23:24:50,879 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,879 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110307  
2023-11-19 23:24:50,879 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110308  
2023-11-19 23:24:50,879 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,879 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,879 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110308  
2023-11-19 23:24:50,879 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,879 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,879 [Transaction] [INFO] Available credit limit for the  
transaction : 1962.3233409036602  
2023-11-19 23:24:50,879 [Transaction] [INFO] Random purchase amount :  
682.8729963209638  
2023-11-19 23:24:50,879 [main] [INFO] Customer purchased an amount of  
682.8729963209638  
2023-11-19 23:24:50,879 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,879 [Transaction] [INFO] Interest to be added for the days :  
200.64671791292295  
2023-11-19 23:24:50,879 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110309  
2023-11-19 23:24:50,879 [Transaction] [INFO] Available credit limit for the  
transaction : 1279.4503445826958  
2023-11-19 23:24:50,879 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,879 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110308  
2023-11-19 23:24:50,879 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110309  
2023-11-19 23:24:50,879 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,880 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:50,880 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110309  
2023-11-19 23:24:50,880 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,880 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,880 [Transaction] [INFO] Available credit limit for the  
transaction : 1078.8036266697727  
2023-11-19 23:24:50,880 [Transaction] [INFO] Random purchase amount :  
1047.6314892888663  
2023-11-19 23:24:50,880 [main] [INFO] Customer purchased an amount of  
1047.6314892888663  
2023-11-19 23:24:50,880 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,880 [Transaction] [INFO] Interest to be added for the days :  
266.0396669880579

2023-11-19 23:24:50,880 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110310  
2023-11-19 23:24:50,880 [Transaction] [INFO] Available credit limit for the transaction : 31.17213738090686  
2023-11-19 23:24:50,880 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,880 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110309  
2023-11-19 23:24:50,880 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110310  
2023-11-19 23:24:50,880 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,880 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:50,881 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110310  
2023-11-19 23:24:50,881 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,881 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,881 [Transaction] [INFO] Available credit limit for the transaction : -234.86752960715057  
2023-11-19 23:24:50,881 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,881 [Transaction] [INFO] Interest to be added for the days : 280.41891674846664  
2023-11-19 23:24:50,881 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110311  
2023-11-19 23:24:50,881 [Transaction] [INFO] Available credit limit for the transaction : -234.86752960715057  
2023-11-19 23:24:50,881 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,881 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110310  
2023-11-19 23:24:50,881 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110311  
2023-11-19 23:24:50,881 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,881 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 3  
2023-11-19 23:24:50,881 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:24:50,881 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,881 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,881 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,881 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,881 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,881 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,881 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110401  
2023-11-19 23:24:50,881 [Transaction] [INFO] Available credit limit for the transaction : -515.286446355618  
2023-11-19 23:24:50,881 [Transaction] [INFO] Random portion from 0 to 1 : 0.8583935574610796  
2023-11-19 23:24:50,881 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110401  
2023-11-19 23:24:50,881 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,882 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,882 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,882 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110402  
2023-11-19 23:24:50,882 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,882 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,882 [Transaction] [INFO] Available credit limit for the  
transaction : 12238.335702874801  
2023-11-19 23:24:50,882 [Transaction] [INFO] Random purchase amount :  
6877.9809511389985  
2023-11-19 23:24:50,882 [main] [INFO] Customer purchased an amount of  
6877.9809511389985  
2023-11-19 23:24:50,882 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,882 [Transaction] [INFO] Interest to be added for the days :  
40.02231983016615  
2023-11-19 23:24:50,882 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110403  
2023-11-19 23:24:50,882 [Transaction] [INFO] Available credit limit for the  
transaction : 5360.354751735804  
2023-11-19 23:24:50,882 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,882 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110402  
2023-11-19 23:24:50,882 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110403  
2023-11-19 23:24:50,882 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,882 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,882 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110403  
2023-11-19 23:24:50,882 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,882 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,882 [Transaction] [INFO] Available credit limit for the  
transaction : 5320.332431905637  
2023-11-19 23:24:50,882 [Transaction] [INFO] Random purchase amount :  
4606.591037466558  
2023-11-19 23:24:50,882 [main] [INFO] Customer purchased an amount of  
4606.591037466558  
2023-11-19 23:24:50,882 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,882 [Transaction] [INFO] Interest to be added for the days :  
78.12732980125028  
2023-11-19 23:24:50,882 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110404  
2023-11-19 23:24:50,882 [Transaction] [INFO] Available credit limit for the  
transaction : 713.7413944390792  
2023-11-19 23:24:50,882 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,882 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110403  
2023-11-19 23:24:50,882 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110404  
2023-11-19 23:24:50,883 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,883 [main] [INFO] Generating transaction for day : 11



2023-11-19 23:24:50,883 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110404  
2023-11-19 23:24:50,883 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,883 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,883 [Transaction] [INFO] Available credit limit for the transaction : 635.614064637828  
2023-11-19 23:24:50,883 [Transaction] [INFO] Random purchase amount : 302.8105975678607  
2023-11-19 23:24:50,883 [main] [INFO] Customer purchased an amount of 302.8105975678607  
2023-11-19 23:24:50,883 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,883 [Transaction] [INFO] Interest to be added for the days : 98.22045099960644  
2023-11-19 23:24:50,883 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110405  
2023-11-19 23:24:50,883 [Transaction] [INFO] Available credit limit for the transaction : 332.80346706996716  
2023-11-19 23:24:50,883 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,883 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110404  
2023-11-19 23:24:50,883 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110405  
2023-11-19 23:24:50,883 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,883 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,884 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110405  
2023-11-19 23:24:50,884 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,884 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,884 [Transaction] [INFO] Available credit limit for the transaction : 234.58301607036083  
2023-11-19 23:24:50,884 [Transaction] [INFO] Random purchase amount : 217.8284748330641  
2023-11-19 23:24:50,884 [main] [INFO] Customer purchased an amount of 217.8284748330641  
2023-11-19 23:24:50,884 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,884 [Transaction] [INFO] Interest to be added for the days : 109.60168682165606  
2023-11-19 23:24:50,884 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110406  
2023-11-19 23:24:50,884 [Transaction] [INFO] Available credit limit for the transaction : 16.754541237296507  
2023-11-19 23:24:50,884 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,884 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110405  
2023-11-19 23:24:50,884 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110406  
2023-11-19 23:24:50,884 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,884 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:50,884 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110406  
2023-11-19 23:24:50,884 [Transaction] [INFO] Available credit limit for the

transaction : -92.84714558435917  
2023-11-19 23:24:50,884 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5994083339073943  
2023-11-19 23:24:50,885 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110406  
2023-11-19 23:24:50,885 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,885 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,885 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:50,885 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110407  
2023-11-19 23:24:50,885 [Transaction] [INFO] Available credit limit for the  
transaction : 8559.676378325084  
2023-11-19 23:24:50,885 [Transaction] [INFO] Random portion from 0 to 1 :  
0.2781001288564072  
2023-11-19 23:24:50,885 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110407  
2023-11-19 23:24:50,885 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,885 [Transaction] [INFO] Next payment day : 18 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,885 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,885 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110408  
2023-11-19 23:24:50,885 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,885 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,885 [Transaction] [INFO] Available credit limit for the  
transaction : 10167.813628635828  
2023-11-19 23:24:50,885 [Transaction] [INFO] Random purchase amount :  
4768.898241608562  
2023-11-19 23:24:50,886 [main] [INFO] Customer purchased an amount of  
4768.898241608562  
2023-11-19 23:24:50,886 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,886 [Transaction] [INFO] Interest to be added for the days :  
102.83177605428958  
2023-11-19 23:24:50,886 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110409  
2023-11-19 23:24:50,886 [Transaction] [INFO] Available credit limit for the  
transaction : 5398.915387027266  
2023-11-19 23:24:50,886 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,886 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110408  
2023-11-19 23:24:50,886 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110409  
2023-11-19 23:24:50,886 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,886 [main] [INFO] Generating payment transaction for day : 18  
2023-11-19 23:24:50,886 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110409  
2023-11-19 23:24:50,886 [Transaction] [INFO] Available credit limit for the  
transaction : 5296.083610972975  
2023-11-19 23:24:50,886 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5914002358880749  
2023-11-19 23:24:50,886 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110409

2023-11-19 23:24:50,886 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,886 [Transaction] [INFO] Next payment day : 25 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,886 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,886 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110410  
2023-11-19 23:24:50,887 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,887 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,887 [Transaction] [INFO] Available cash advance for the  
transaction : 1434.226  
2023-11-19 23:24:50,887 [Transaction] [INFO] Random cash amount : 345.3036384481213  
2023-11-19 23:24:50,887 [main] [INFO] Customer has withdrawn cash of  
345.3036384481213  
2023-11-19 23:24:50,887 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,887 [Transaction] [INFO] Interest to be added for the days :  
59.4735428778484  
2023-11-19 23:24:50,887 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110411  
2023-11-19 23:24:50,887 [Transaction] [INFO] Available credit limit for the  
transaction : 10300.69082288057  
2023-11-19 23:24:50,887 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,887 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110410  
2023-11-19 23:24:50,887 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110411  
2023-11-19 23:24:50,887 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,887 [main] [INFO] Generating payment transaction for day : 25  
2023-11-19 23:24:50,887 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110411  
2023-11-19 23:24:50,887 [Transaction] [INFO] Available credit limit for the  
transaction : 10241.217280002722  
2023-11-19 23:24:50,887 [Transaction] [INFO] Random portion from 0 to 1 :  
0.43077307865958614  
2023-11-19 23:24:50,887 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110411  
2023-11-19 23:24:50,887 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,887 [Transaction] [INFO] Next payment day : 26 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,888 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,888 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110412  
2023-11-19 23:24:50,888 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,888 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,888 [Transaction] [INFO] Available credit limit for the  
transaction : 12007.836078210432  
2023-11-19 23:24:50,888 [Transaction] [INFO] Random purchase amount :  
2450.3337081877444  
2023-11-19 23:24:50,888 [main] [INFO] Customer purchased an amount of  
2450.3337081877444  
2023-11-19 23:24:50,888 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,888 [Transaction] [INFO] Interest to be added for the days :

79.66986468913827

2023-11-19 23:24:50,888 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110413

2023-11-19 23:24:50,888 [Transaction] [INFO] Available credit limit for the transaction : 9557.502370022688

2023-11-19 23:24:50,888 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,888 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110412

2023-11-19 23:24:50,888 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110413

2023-11-19 23:24:50,888 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,888 [main] [INFO] Generating payment transaction for day : 26

2023-11-19 23:24:50,888 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110413

2023-11-19 23:24:50,888 [Transaction] [INFO] Available credit limit for the transaction : 9477.83250533355

2023-11-19 23:24:50,888 [Transaction] [INFO] Random portion from 0 to 1 : 0.004117285394735548

2023-11-19 23:24:50,888 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110413

2023-11-19 23:24:50,888 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:50,888 [Transaction] [INFO] Next payment day : 27 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,888 [main] [INFO] Generating payment transaction for day : 27

2023-11-19 23:24:50,888 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110414

2023-11-19 23:24:50,888 [Transaction] [INFO] Available credit limit for the transaction : 9497.86074161109

2023-11-19 23:24:50,888 [Transaction] [INFO] Random portion from 0 to 1 : 0.35448115347035447

2023-11-19 23:24:50,888 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110414

2023-11-19 23:24:50,888 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,888 [Transaction] [INFO] Next payment day : 34 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,888 [main] [INFO] Generating transaction for day : 28

2023-11-19 23:24:50,889 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110415

2023-11-19 23:24:50,889 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,889 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,889 [Transaction] [INFO] Available credit limit for the transaction : 11215.108978595721

2023-11-19 23:24:50,889 [Transaction] [INFO] Random purchase amount : 5951.46139635227

2023-11-19 23:24:50,889 [main] [INFO] Customer purchased an amount of 5951.46139635227

2023-11-19 23:24:50,889 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,889 [Transaction] [INFO] Interest to be added for the days : 162.89768838428324

2023-11-19 23:24:50,889 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110416

2023-11-19 23:24:50,889 [Transaction] [INFO] Available credit limit for the transaction : 5263.647582243451

2023-11-19 23:24:50,889 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,889 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110415  
2023-11-19 23:24:50,889 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110416  
2023-11-19 23:24:50,889 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,890 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 4  
2023-11-19 23:24:50,890 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:24:50,890 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,890 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,890 [Transaction] [INFO] Next payment day : 1 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,890 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:50,890 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110501  
2023-11-19 23:24:50,890 [Transaction] [INFO] Available credit limit for the transaction : 5100.749893859169  
2023-11-19 23:24:50,890 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110501  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,890 [Transaction] [INFO] Next payment day : 6 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,890 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:50,890 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110502  
2023-11-19 23:24:50,890 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,890 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,890 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random purchase amount : 5420.374703064032  
2023-11-19 23:24:50,890 [main] [INFO] Customer purchased an amount of 5420.374703064032  
2023-11-19 23:24:50,890 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,890 [Transaction] [INFO] Interest to be added for the days : 6.889776447021638  
2023-11-19 23:24:50,890 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110503  
2023-11-19 23:24:50,890 [Transaction] [INFO] Available credit limit for the transaction : 8921.885296935969  
2023-11-19 23:24:50,890 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,890 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110502  
2023-11-19 23:24:50,890 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110503  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:50,890 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:50,890 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110503  
2023-11-19 23:24:50,890 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,890 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,890 [Transaction] [INFO] Available credit limit for the  
transaction : 8914.995520488947  
2023-11-19 23:24:50,890 [Transaction] [INFO] Random purchase amount :  
4289.902682952963  
2023-11-19 23:24:50,890 [main] [INFO] Customer purchased an amount of  
4289.902682952963  
2023-11-19 23:24:50,890 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,890 [Transaction] [INFO] Interest to be added for the days :  
18.532956624016645  
2023-11-19 23:24:50,890 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110504  
2023-11-19 23:24:50,890 [Transaction] [INFO] Available credit limit for the  
transaction : 4625.092837535984  
2023-11-19 23:24:50,890 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110503  
2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110504  
2023-11-19 23:24:50,892 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,892 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:50,892 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110504  
2023-11-19 23:24:50,892 [Transaction] [INFO] Available credit limit for the  
transaction : 4606.559880911967  
2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110504  
2023-11-19 23:24:50,892 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,892 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,892 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,892 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110505  
2023-11-19 23:24:50,892 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,892 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,892 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,892 [Transaction] [INFO] Random purchase amount :  
9731.203335741377  
2023-11-19 23:24:50,892 [main] [INFO] Customer purchased an amount of  
9731.203335741377  
2023-11-19 23:24:50,892 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,892 [Transaction] [INFO] Interest to be added for the days :  
55.785441864846185  
2023-11-19 23:24:50,892 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110506  
2023-11-19 23:24:50,892 [Transaction] [INFO] Available credit limit for the  
transaction : 4611.056664258624

2023-11-19 23:24:50,892 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110505

2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110506

2023-11-19 23:24:50,892 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,892 [main] [INFO] Generating transaction for day : 12

2023-11-19 23:24:50,892 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110506

2023-11-19 23:24:50,892 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,892 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,892 [Transaction] [INFO] Available credit limit for the transaction : 4555.271222393778

2023-11-19 23:24:50,892 [Transaction] [INFO] Random purchase amount : 781.6142947634373

2023-11-19 23:24:50,892 [main] [INFO] Customer purchased an amount of 781.6142947634373

2023-11-19 23:24:50,892 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,892 [Transaction] [INFO] Interest to be added for the days : 80.85834928579875

2023-11-19 23:24:50,892 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110507

2023-11-19 23:24:50,892 [Transaction] [INFO] Available credit limit for the transaction : 3773.65692763034

2023-11-19 23:24:50,892 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,892 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110506

2023-11-19 23:24:50,893 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110507

2023-11-19 23:24:50,893 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,893 [main] [INFO] Generating payment transaction for day : 12

2023-11-19 23:24:50,893 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110507

2023-11-19 23:24:50,893 [Transaction] [INFO] Available credit limit for the transaction : 3692.798578344542

2023-11-19 23:24:50,893 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110507

2023-11-19 23:24:50,893 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,893 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_FULL\_RECURRING

2023-11-19 23:24:50,893 [main] [INFO] Generating transaction for day : 19

2023-11-19 23:24:50,893 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110508

2023-11-19 23:24:50,893 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,893 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,893 [Transaction] [INFO] Available credit limit for the transaction : 14342.26

2023-11-19 23:24:50,893 [Transaction] [INFO] Random purchase amount : 11091.288173444344

2023-11-19 23:24:50,893 [main] [INFO] Customer purchased an amount of

11091.288173444344  
2023-11-19 23:24:50,893 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,893 [Transaction] [INFO] Interest to be added for the days :  
134.65691028750138  
2023-11-19 23:24:50,893 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110509  
2023-11-19 23:24:50,893 [Transaction] [INFO] Available credit limit for the  
transaction : 3250.9718265556567  
2023-11-19 23:24:50,893 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,893 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110508  
2023-11-19 23:24:50,893 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110509  
2023-11-19 23:24:50,893 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,893 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,893 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110509  
2023-11-19 23:24:50,893 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,893 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,893 [Transaction] [INFO] Available credit limit for the  
transaction : 3116.314916268155  
2023-11-19 23:24:50,893 [Transaction] [INFO] Random purchase amount :  
3036.780208366975  
2023-11-19 23:24:50,893 [main] [INFO] Customer purchased an amount of  
3036.780208366975  
2023-11-19 23:24:50,893 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,893 [Transaction] [INFO] Interest to be added for the days :  
200.69331589282413  
2023-11-19 23:24:50,893 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110510  
2023-11-19 23:24:50,893 [Transaction] [INFO] Available credit limit for the  
transaction : 79.53470790117899  
2023-11-19 23:24:50,894 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110509  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110510  
2023-11-19 23:24:50,894 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,894 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,894 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110510  
2023-11-19 23:24:50,894 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,894 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,894 [Transaction] [INFO] Available credit limit for the  
transaction : -121.15860799164511  
2023-11-19 23:24:50,894 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,894 [Transaction] [INFO] Interest to be added for the days :  
222.16028175000702  
2023-11-19 23:24:50,894 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110511  
2023-11-19 23:24:50,894 [Transaction] [INFO] Available credit limit for the



transaction : -121.15860799164511  
2023-11-19 23:24:50,894 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110510  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110511  
2023-11-19 23:24:50,894 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,894 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,894 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110511  
2023-11-19 23:24:50,894 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,894 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,894 [Transaction] [INFO] Available credit limit for the transaction : -343.31888974165304  
2023-11-19 23:24:50,894 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,894 [Transaction] [INFO] Interest to be added for the days : 292.01504544347034  
2023-11-19 23:24:50,894 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110512  
2023-11-19 23:24:50,894 [Transaction] [INFO] Available credit limit for the transaction : -343.31888974165304  
2023-11-19 23:24:50,894 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110511  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110512  
2023-11-19 23:24:50,894 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,894 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 5  
2023-11-19 23:24:50,894 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:24:50,894 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,894 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,894 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,894 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,895 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,895 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:50,895 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110601  
2023-11-19 23:24:50,895 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,895 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,895 [Transaction] [INFO] Available credit limit for the transaction : -635.3339351851228  
2023-11-19 23:24:50,895 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,895 [Transaction] [INFO] Interest to be added for the days : 28.565845795590278  
2023-11-19 23:24:50,895 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110602

2023-11-19 23:24:50,895 [Transaction] [INFO] Available credit limit for the transaction : -635.3339351851228  
2023-11-19 23:24:50,895 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,895 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110601  
2023-11-19 23:24:50,895 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110602  
2023-11-19 23:24:50,895 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,895 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,895 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110602  
2023-11-19 23:24:50,895 [Transaction] [INFO] Available credit limit for the transaction : -663.8997809807133  
2023-11-19 23:24:50,895 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110602  
2023-11-19 23:24:50,895 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,895 [Transaction] [INFO] Next payment day : 6 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,895 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:50,895 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110603  
2023-11-19 23:24:50,895 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,895 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,895 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,895 [Transaction] [INFO] Random purchase amount : 5020.580601363715  
2023-11-19 23:24:50,896 [main] [INFO] Customer purchased an amount of 5020.580601363715  
2023-11-19 23:24:50,896 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,896 [Transaction] [INFO] Interest to be added for the days : 19.169153233938946  
2023-11-19 23:24:50,896 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110604  
2023-11-19 23:24:50,896 [Transaction] [INFO] Available credit limit for the transaction : 9321.679398636286  
2023-11-19 23:24:50,896 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,896 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110603  
2023-11-19 23:24:50,896 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110604  
2023-11-19 23:24:50,896 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,896 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:50,896 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110604  
2023-11-19 23:24:50,896 [Transaction] [INFO] Available credit limit for the transaction : 9302.510245402347  
2023-11-19 23:24:50,896 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110604  
2023-11-19 23:24:50,896 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,896 [Transaction] [INFO] Next payment day : 8 for given payment

type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,896 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,896 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110605  
2023-11-19 23:24:50,896 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,896 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,896 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,896 [Transaction] [INFO] Random purchase amount :  
340.66234116882197  
2023-11-19 23:24:50,896 [main] [INFO] Customer purchased an amount of  
340.66234116882197  
2023-11-19 23:24:50,896 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,896 [Transaction] [INFO] Interest to be added for the days :  
1.517951569906244  
2023-11-19 23:24:50,896 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110606  
2023-11-19 23:24:50,896 [Transaction] [INFO] Available credit limit for the  
transaction : 14001.597658831179  
2023-11-19 23:24:50,896 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,896 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110605  
2023-11-19 23:24:50,896 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110606  
2023-11-19 23:24:50,896 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,896 [main] [INFO] Generating payment transaction for day : 8  
2023-11-19 23:24:50,896 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110606  
2023-11-19 23:24:50,897 [Transaction] [INFO] Available credit limit for the  
transaction : 14000.079707261271  
2023-11-19 23:24:50,897 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110606  
2023-11-19 23:24:50,897 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,897 [Transaction] [INFO] Next payment day : 15 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,897 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,897 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110607  
2023-11-19 23:24:50,897 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,897 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,897 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,897 [Transaction] [INFO] Random purchase amount :  
14216.413447030087  
2023-11-19 23:24:50,897 [main] [INFO] Customer purchased an amount of  
14216.413447030087  
2023-11-19 23:24:50,897 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,897 [Transaction] [INFO] Interest to be added for the days :  
81.49751664967076  
2023-11-19 23:24:50,897 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110608  
2023-11-19 23:24:50,897 [Transaction] [INFO] Available credit limit for the

transaction : 125.84655296991332  
2023-11-19 23:24:50,897 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,897 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110607  
2023-11-19 23:24:50,897 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110608  
2023-11-19 23:24:50,897 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,897 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,897 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110608  
2023-11-19 23:24:50,897 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,897 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,897 [Transaction] [INFO] Available credit limit for the transaction : 44.349036320241794  
2023-11-19 23:24:50,897 [Transaction] [INFO] Random purchase amount : 7.732948086672196  
2023-11-19 23:24:50,897 [main] [INFO] Customer purchased an amount of 7.732948086672196  
2023-11-19 23:24:50,897 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,897 [Transaction] [INFO] Interest to be added for the days : 100.29702391029149  
2023-11-19 23:24:50,897 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110609  
2023-11-19 23:24:50,897 [Transaction] [INFO] Available credit limit for the transaction : 36.616088233569826  
2023-11-19 23:24:50,897 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,897 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110608  
2023-11-19 23:24:50,897 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110609  
2023-11-19 23:24:50,897 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,898 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,898 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110609  
2023-11-19 23:24:50,898 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,898 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,898 [Transaction] [INFO] Available credit limit for the transaction : -63.680935676720765  
2023-11-19 23:24:50,898 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,898 [Transaction] [INFO] Interest to be added for the days : 128.6684060351335  
2023-11-19 23:24:50,898 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110610  
2023-11-19 23:24:50,898 [Transaction] [INFO] Available credit limit for the transaction : -63.680935676720765  
2023-11-19 23:24:50,898 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,898 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110609  
2023-11-19 23:24:50,898 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110610

2023-11-19 23:24:50,898 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,898 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,898 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110610  
2023-11-19 23:24:50,898 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,898 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,898 [Transaction] [INFO] Available credit limit for the  
transaction : -192.3493417118534  
2023-11-19 23:24:50,898 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,898 [Transaction] [INFO] Interest to be added for the days :  
139.1345566723899  
2023-11-19 23:24:50,898 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110611  
2023-11-19 23:24:50,898 [Transaction] [INFO] Available credit limit for the  
transaction : -192.3493417118534  
2023-11-19 23:24:50,898 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,898 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110610  
2023-11-19 23:24:50,899 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110611  
2023-11-19 23:24:50,899 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,899 [main] [INFO] Generating payment transaction for day : 15  
2023-11-19 23:24:50,899 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110611  
2023-11-19 23:24:50,899 [Transaction] [INFO] Available credit limit for the  
transaction : -331.48389838424373  
2023-11-19 23:24:50,899 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110611  
2023-11-19 23:24:50,899 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,899 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,899 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,899 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110612  
2023-11-19 23:24:50,899 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,899 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,899 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,899 [Transaction] [INFO] Random purchase amount :  
1800.3436253267494  
2023-11-19 23:24:50,899 [main] [INFO] Customer purchased an amount of  
1800.3436253267494  
2023-11-19 23:24:50,899 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,899 [Transaction] [INFO] Interest to be added for the days :  
24.173758395201943  
2023-11-19 23:24:50,899 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110613  
2023-11-19 23:24:50,899 [Transaction] [INFO] Available credit limit for the  
transaction : 12541.91637467325  
2023-11-19 23:24:50,899 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:24:50,899 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110612  
2023-11-19 23:24:50,899 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110613  
2023-11-19 23:24:50,899 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,899 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,899 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110613  
2023-11-19 23:24:50,899 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,899 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,899 [Transaction] [INFO] Available credit limit for the transaction : 12517.742616278048  
2023-11-19 23:24:50,899 [Transaction] [INFO] Random purchase amount : 11419.251813346698  
2023-11-19 23:24:50,899 [main] [INFO] Customer purchased an amount of 11419.251813346698  
2023-11-19 23:24:50,899 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,899 [Transaction] [INFO] Interest to be added for the days : 194.88813396176465  
2023-11-19 23:24:50,899 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110614  
2023-11-19 23:24:50,900 [Transaction] [INFO] Available credit limit for the transaction : 1098.4908029313501  
2023-11-19 23:24:50,900 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110613  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110614  
2023-11-19 23:24:50,900 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,900 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,900 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110614  
2023-11-19 23:24:50,900 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,900 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,900 [Transaction] [INFO] Available credit limit for the transaction : 903.6026689695846  
2023-11-19 23:24:50,900 [Transaction] [INFO] Random purchase amount : 192.56656289768512  
2023-11-19 23:24:50,900 [main] [INFO] Customer purchased an amount of 192.56656289768512  
2023-11-19 23:24:50,900 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,900 [Transaction] [INFO] Interest to be added for the days : 226.97027669126678  
2023-11-19 23:24:50,900 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110615  
2023-11-19 23:24:50,900 [Transaction] [INFO] Available credit limit for the transaction : 711.0361060718988  
2023-11-19 23:24:50,900 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110614  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110615  
2023-11-19 23:24:50,900 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,900 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:50,900 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110615  
2023-11-19 23:24:50,900 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,900 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,900 [Transaction] [INFO] Available credit limit for the  
transaction : 484.06582938063184  
2023-11-19 23:24:50,900 [Transaction] [INFO] Random purchase amount :  
302.93396576636195  
2023-11-19 23:24:50,900 [main] [INFO] Customer purchased an amount of  
302.93396576636195  
2023-11-19 23:24:50,900 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,900 [Transaction] [INFO] Interest to be added for the days :  
272.41637310753066  
2023-11-19 23:24:50,900 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110616  
2023-11-19 23:24:50,900 [Transaction] [INFO] Available credit limit for the  
transaction : 181.1318636142696  
2023-11-19 23:24:50,900 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110615  
2023-11-19 23:24:50,900 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110616  
2023-11-19 23:24:50,900 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,901 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 6  
2023-11-19 23:24:50,901 [main] [INFO] Generating account activity for month : 7  
2023-11-19 23:24:50,901 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:50,901 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,901 [Transaction] [INFO] Next payment day : 4 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,901 [main] [INFO] Generating payment transaction for day : 4  
2023-11-19 23:24:50,901 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110701  
2023-11-19 23:24:50,901 [Transaction] [INFO] Available credit limit for the  
transaction : -91.2845094932618  
2023-11-19 23:24:50,901 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110701  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,901 [Transaction] [INFO] Next payment day : 6 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,901 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,901 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110702  
2023-11-19 23:24:50,901 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:24:50,901 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,901 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random purchase amount :  
2571.1221846565013  
2023-11-19 23:24:50,901 [main] [INFO] Customer purchased an amount of  
2571.1221846565013  
2023-11-19 23:24:50,901 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,901 [Transaction] [INFO] Interest to be added for the days :  
8.178100731886472  
2023-11-19 23:24:50,901 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110703  
2023-11-19 23:24:50,901 [Transaction] [INFO] Available credit limit for the  
transaction : 11771.1378153435  
2023-11-19 23:24:50,901 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,901 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110702  
2023-11-19 23:24:50,901 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110703  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,901 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:50,901 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110703  
2023-11-19 23:24:50,901 [Transaction] [INFO] Available credit limit for the  
transaction : 11762.959714611612  
2023-11-19 23:24:50,901 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110703  
2023-11-19 23:24:50,901 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,901 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,901 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,902 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110704  
2023-11-19 23:24:50,902 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,902 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,902 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,902 [Transaction] [INFO] Random purchase amount :  
3379.3892855641097  
2023-11-19 23:24:50,902 [main] [INFO] Customer purchased an amount of  
3379.3892855641097  
2023-11-19 23:24:50,902 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,902 [Transaction] [INFO] Interest to be added for the days :  
25.85505741427765  
2023-11-19 23:24:50,902 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110705  
2023-11-19 23:24:50,902 [Transaction] [INFO] Available credit limit for the  
transaction : 10962.87071443589  
2023-11-19 23:24:50,902 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,902 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110704  
2023-11-19 23:24:50,902 [Account] [INFO] Converting from Transaction object to list



to store for transaction : 100000110705

2023-11-19 23:24:50,902 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,902 [main] [INFO] Generating transaction for day : 15

2023-11-19 23:24:50,902 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110705

2023-11-19 23:24:50,902 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,902 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,902 [Transaction] [INFO] Available credit limit for the transaction : 10937.015657021613

2023-11-19 23:24:50,902 [Transaction] [INFO] Random purchase amount : 5560.749638614241

2023-11-19 23:24:50,902 [main] [INFO] Customer purchased an amount of 5560.749638614241

2023-11-19 23:24:50,902 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,902 [Transaction] [INFO] Interest to be added for the days : 85.82821652977988

2023-11-19 23:24:50,902 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110706

2023-11-19 23:24:50,902 [Transaction] [INFO] Available credit limit for the transaction : 5376.266018407372

2023-11-19 23:24:50,902 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,902 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110705

2023-11-19 23:24:50,902 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110706

2023-11-19 23:24:50,902 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,902 [main] [INFO] Generating transaction for day : 22

2023-11-19 23:24:50,902 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110706

2023-11-19 23:24:50,902 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,902 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,902 [Transaction] [INFO] Available credit limit for the transaction : 5290.4378018775915

2023-11-19 23:24:50,902 [Transaction] [INFO] Random purchase amount : 5045.837273415699

2023-11-19 23:24:50,902 [main] [INFO] Customer purchased an amount of 5045.837273415699

2023-11-19 23:24:50,903 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,903 [Transaction] [INFO] Interest to be added for the days : 198.37064570248882

2023-11-19 23:24:50,903 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110707

2023-11-19 23:24:50,903 [Transaction] [INFO] Available credit limit for the transaction : 244.6005284618932

2023-11-19 23:24:50,903 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110706

2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110707

2023-11-19 23:24:50,903 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:50,903 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,903 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110707  
2023-11-19 23:24:50,903 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,903 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,903 [Transaction] [INFO] Available credit limit for the  
transaction : 46.22988275940406  
2023-11-19 23:24:50,903 [Transaction] [INFO] Random purchase amount :  
40.5369508953725  
2023-11-19 23:24:50,903 [main] [INFO] Customer purchased an amount of  
40.5369508953725  
2023-11-19 23:24:50,903 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,903 [Transaction] [INFO] Interest to be added for the days :  
238.71477862726442  
2023-11-19 23:24:50,903 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110708  
2023-11-19 23:24:50,903 [Transaction] [INFO] Available credit limit for the  
transaction : 5.692931864032289  
2023-11-19 23:24:50,903 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110707  
2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110708  
2023-11-19 23:24:50,903 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,903 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,903 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110708  
2023-11-19 23:24:50,903 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,903 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,903 [Transaction] [INFO] Available credit limit for the  
transaction : -233.02184676323122  
2023-11-19 23:24:50,903 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,903 [Transaction] [INFO] Interest to be added for the days :  
289.82184650596554  
2023-11-19 23:24:50,903 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110709  
2023-11-19 23:24:50,903 [Transaction] [INFO] Available credit limit for the  
transaction : -233.02184676323122  
2023-11-19 23:24:50,903 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110708  
2023-11-19 23:24:50,903 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110709  
2023-11-19 23:24:50,904 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,904 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 7  
2023-11-19 23:24:50,904 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:24:50,904 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,904 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,904 [Transaction] [INFO] Random generated number from 1 to 7 :

2

2023-11-19 23:24:50,904 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,904 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:50,904 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110801  
2023-11-19 23:24:50,904 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,904 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,904 [Transaction] [INFO] Available credit limit for the transaction : -522.8436932691966  
2023-11-19 23:24:50,904 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,904 [Transaction] [INFO] Interest to be added for the days : 18.89486371680652  
2023-11-19 23:24:50,904 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110802  
2023-11-19 23:24:50,904 [Transaction] [INFO] Available credit limit for the transaction : -522.8436932691966  
2023-11-19 23:24:50,904 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,904 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110801  
2023-11-19 23:24:50,904 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110802  
2023-11-19 23:24:50,904 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,904 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,904 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110802  
2023-11-19 23:24:50,904 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,904 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,904 [Transaction] [INFO] Available credit limit for the transaction : -541.7385569860035  
2023-11-19 23:24:50,904 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,904 [Transaction] [INFO] Interest to be added for the days : 47.34230065715311  
2023-11-19 23:24:50,904 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110803  
2023-11-19 23:24:50,904 [Transaction] [INFO] Available credit limit for the transaction : -541.7385569860035  
2023-11-19 23:24:50,904 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,904 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110802  
2023-11-19 23:24:50,904 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110803  
2023-11-19 23:24:50,904 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,904 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:50,904 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110803  
2023-11-19 23:24:50,905 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the

transaction : -589.0808576431573  
2023-11-19 23:24:50,905 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest to be added for the days :  
76.06109515452624  
2023-11-19 23:24:50,905 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110804  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the  
transaction : -589.0808576431573  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,905 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110803  
2023-11-19 23:24:50,905 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110804  
2023-11-19 23:24:50,905 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,905 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,905 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110804  
2023-11-19 23:24:50,905 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the  
transaction : -665.1419527976832  
2023-11-19 23:24:50,905 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest to be added for the days :  
95.6214649736178  
2023-11-19 23:24:50,905 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110805  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the  
transaction : -665.1419527976832  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,905 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110804  
2023-11-19 23:24:50,905 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110805  
2023-11-19 23:24:50,905 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,905 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,905 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110805  
2023-11-19 23:24:50,905 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the  
transaction : -760.7634177713007  
2023-11-19 23:24:50,905 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest to be added for the days :  
115.55032717412246  
2023-11-19 23:24:50,905 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110806  
2023-11-19 23:24:50,905 [Transaction] [INFO] Available credit limit for the  
transaction : -760.7634177713007  
2023-11-19 23:24:50,905 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,905 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110805  
2023-11-19 23:24:50,906 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110806  
2023-11-19 23:24:50,906 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,906 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,906 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110806  
2023-11-19 23:24:50,906 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [Transaction] [INFO] Available credit limit for the  
transaction : -876.3137449454225  
2023-11-19 23:24:50,906 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,906 [Transaction] [INFO] Interest to be added for the days :  
174.98520239686195  
2023-11-19 23:24:50,906 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110807  
2023-11-19 23:24:50,906 [Transaction] [INFO] Available credit limit for the  
transaction : -876.3137449454225  
2023-11-19 23:24:50,906 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,906 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110806  
2023-11-19 23:24:50,906 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110807  
2023-11-19 23:24:50,906 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,906 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,906 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110807  
2023-11-19 23:24:50,906 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [Transaction] [INFO] Available credit limit for the  
transaction : -1051.298947342284  
2023-11-19 23:24:50,906 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,906 [Transaction] [INFO] Interest to be added for the days :  
206.69397197316397  
2023-11-19 23:24:50,906 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110808  
2023-11-19 23:24:50,906 [Transaction] [INFO] Available credit limit for the  
transaction : -1051.298947342284  
2023-11-19 23:24:50,906 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,906 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110807  
2023-11-19 23:24:50,906 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110808  
2023-11-19 23:24:50,906 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,906 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,906 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110808  
2023-11-19 23:24:50,906 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [main] [INFO] Current transaction type is

TransactionType.PURCHASE  
2023-11-19 23:24:50,906 [Transaction] [INFO] Available credit limit for the transaction : -1257.9929193154476  
2023-11-19 23:24:50,906 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,906 [Transaction] [INFO] Interest to be added for the days : 249.68597282017666  
2023-11-19 23:24:50,907 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110809  
2023-11-19 23:24:50,907 [Transaction] [INFO] Available credit limit for the transaction : -1257.9929193154476  
2023-11-19 23:24:50,907 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,907 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110808  
2023-11-19 23:24:50,907 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110809  
2023-11-19 23:24:50,907 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,907 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:50,907 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110809  
2023-11-19 23:24:50,907 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,907 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,907 [Transaction] [INFO] Available credit limit for the transaction : -1507.6788921356238  
2023-11-19 23:24:50,907 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,907 [Transaction] [INFO] Interest to be added for the days : 274.15138876206856  
2023-11-19 23:24:50,907 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110810  
2023-11-19 23:24:50,907 [Transaction] [INFO] Available credit limit for the transaction : -1507.6788921356238  
2023-11-19 23:24:50,907 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,907 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110809  
2023-11-19 23:24:50,907 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110810  
2023-11-19 23:24:50,907 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,907 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 8  
2023-11-19 23:24:50,907 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:24:50,907 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,907 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,907 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,907 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,907 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:50,907 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110901  
2023-11-19 23:24:50,907 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,907 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,907 [Transaction] [INFO] Available credit limit for the transaction : -1781.8302808976932  
2023-11-19 23:24:50,907 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,907 [Transaction] [INFO] Interest to be added for the days : 10.244319277097174  
2023-11-19 23:24:50,907 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110902  
2023-11-19 23:24:50,907 [Transaction] [INFO] Available credit limit for the transaction : -1781.8302808976932  
2023-11-19 23:24:50,907 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110901  
2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110902  
2023-11-19 23:24:50,908 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,908 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:50,908 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110902  
2023-11-19 23:24:50,908 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [Transaction] [INFO] Available credit limit for the transaction : -1792.0746001747902  
2023-11-19 23:24:50,908 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,908 [Transaction] [INFO] Interest to be added for the days : 30.772026281226136  
2023-11-19 23:24:50,908 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110903  
2023-11-19 23:24:50,908 [Transaction] [INFO] Available credit limit for the transaction : -1792.0746001747902  
2023-11-19 23:24:50,908 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110902  
2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110903  
2023-11-19 23:24:50,908 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,908 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,908 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110903  
2023-11-19 23:24:50,908 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [Transaction] [INFO] Available credit limit for the transaction : -1822.8466264560157  
2023-11-19 23:24:50,908 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,908 [Transaction] [INFO] Interest to be added for the days : 92.66866438162856  
2023-11-19 23:24:50,908 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110904  
2023-11-19 23:24:50,908 [Transaction] [INFO] Available credit limit for the transaction : -1822.8466264560157  
2023-11-19 23:24:50,908 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110903  
2023-11-19 23:24:50,908 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110904  
2023-11-19 23:24:50,908 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,908 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,908 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110904  
2023-11-19 23:24:50,908 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,908 [Transaction] [INFO] Available credit limit for the transaction : -1915.515290837644  
2023-11-19 23:24:50,909 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest to be added for the days : 113.98343808432917  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110905  
2023-11-19 23:24:50,909 [Transaction] [INFO] Available credit limit for the transaction : -1915.515290837644  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110904  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110905  
2023-11-19 23:24:50,909 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,909 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110905  
2023-11-19 23:24:50,909 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,909 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,909 [Transaction] [INFO] Available cash advance for the transaction : -2029.4987289219735  
2023-11-19 23:24:50,909 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest to be added for the days : 167.2221681010866  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110906  
2023-11-19 23:24:50,909 [Transaction] [INFO] Available credit limit for the transaction : -2029.4987289219735  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110905  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110906  
2023-11-19 23:24:50,909 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,909 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110906  
2023-11-19 23:24:50,909 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE



2023-11-19 23:24:50,909 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,909 [Transaction] [INFO] Available credit limit for the  
transaction : -2196.7208970230586  
2023-11-19 23:24:50,909 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest to be added for the days :  
200.7961592981965  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110907  
2023-11-19 23:24:50,909 [Transaction] [INFO] Available credit limit for the  
transaction : -2196.7208970230586  
2023-11-19 23:24:50,909 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110906  
2023-11-19 23:24:50,909 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110907  
2023-11-19 23:24:50,909 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,909 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,909 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110907  
2023-11-19 23:24:50,910 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,910 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,910 [Transaction] [INFO] Available credit limit for the  
transaction : -2397.517056321254  
2023-11-19 23:24:50,910 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,910 [Transaction] [INFO] Interest to be added for the days :  
246.33349199142646  
2023-11-19 23:24:50,910 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110908  
2023-11-19 23:24:50,910 [Transaction] [INFO] Available credit limit for the  
transaction : -2397.517056321254  
2023-11-19 23:24:50,910 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,910 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110907  
2023-11-19 23:24:50,910 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110908  
2023-11-19 23:24:50,910 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,910 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,910 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110908  
2023-11-19 23:24:50,910 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,910 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,910 [Transaction] [INFO] Available credit limit for the  
transaction : -2643.850548312681  
2023-11-19 23:24:50,910 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,910 [Transaction] [INFO] Interest to be added for the days :  
271.8669728383239  
2023-11-19 23:24:50,910 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110909  
2023-11-19 23:24:50,910 [Transaction] [INFO] Available credit limit for the  
transaction : -2643.850548312681

2023-11-19 23:24:50,910 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,910 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110908

2023-11-19 23:24:50,910 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110909

2023-11-19 23:24:50,910 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,910 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 9

2023-11-19 23:24:50,910 [main] [INFO] Generating account activity for month : 10

2023-11-19 23:24:50,910 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE

2023-11-19 23:24:50,910 [main] [INFO] Generating monthly activity data

2023-11-19 23:24:50,910 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:50,910 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE

2023-11-19 23:24:50,910 [main] [INFO] Generating transaction for day : 4

2023-11-19 23:24:50,910 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111001

2023-11-19 23:24:50,911 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,911 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,911 [Transaction] [INFO] Available credit limit for the transaction : -2915.7175211510057

2023-11-19 23:24:50,911 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,911 [Transaction] [INFO] Interest to be added for the days : 43.90071981201281

2023-11-19 23:24:50,911 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111002

2023-11-19 23:24:50,911 [Transaction] [INFO] Available credit limit for the transaction : -2915.7175211510057

2023-11-19 23:24:50,911 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,911 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111001

2023-11-19 23:24:50,911 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111002

2023-11-19 23:24:50,911 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,911 [main] [INFO] Generating transaction for day : 7

2023-11-19 23:24:50,911 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111002

2023-11-19 23:24:50,911 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,911 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,911 [Transaction] [INFO] Available credit limit for the transaction : -2959.6182409630183

2023-11-19 23:24:50,911 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,911 [Transaction] [INFO] Interest to be added for the days : 77.09514690730416

2023-11-19 23:24:50,911 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111003

2023-11-19 23:24:50,911 [Transaction] [INFO] Available credit limit for the transaction : -2959.6182409630183

2023-11-19 23:24:50,911 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:50,911 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111002

2023-11-19 23:24:50,911 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111003

2023-11-19 23:24:50,911 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,911 [main] [INFO] Generating transaction for day : 9

2023-11-19 23:24:50,911 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111003

2023-11-19 23:24:50,911 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,911 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,911 [Transaction] [INFO] Available credit limit for the transaction : -3036.7133878703225

2023-11-19 23:24:50,911 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,911 [Transaction] [INFO] Interest to be added for the days : 99.62732009092147

2023-11-19 23:24:50,911 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111004

2023-11-19 23:24:50,912 [Transaction] [INFO] Available credit limit for the transaction : -3036.7133878703225

2023-11-19 23:24:50,912 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111003

2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111004

2023-11-19 23:24:50,912 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,912 [main] [INFO] Generating transaction for day : 12

2023-11-19 23:24:50,912 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111004

2023-11-19 23:24:50,912 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,912 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,912 [Transaction] [INFO] Available credit limit for the transaction : -3136.3407079612425

2023-11-19 23:24:50,912 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,912 [Transaction] [INFO] Interest to be added for the days : 133.72541209029018

2023-11-19 23:24:50,912 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111005

2023-11-19 23:24:50,912 [Transaction] [INFO] Available credit limit for the transaction : -3136.3407079612425

2023-11-19 23:24:50,912 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111004

2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111005

2023-11-19 23:24:50,912 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:50,912 [main] [INFO] Generating transaction for day : 16

2023-11-19 23:24:50,912 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111005

2023-11-19 23:24:50,912 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:50,912 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,912 [Transaction] [INFO] Available credit limit for the  
transaction : -3270.0661200515333  
2023-11-19 23:24:50,912 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,912 [Transaction] [INFO] Interest to be added for the days :  
179.89340106115438  
2023-11-19 23:24:50,912 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111006  
2023-11-19 23:24:50,912 [Transaction] [INFO] Available credit limit for the  
transaction : -3270.0661200515333  
2023-11-19 23:24:50,912 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111005  
2023-11-19 23:24:50,912 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111006  
2023-11-19 23:24:50,912 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,912 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,912 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111006  
2023-11-19 23:24:50,912 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,912 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available credit limit for the  
transaction : -3449.959521112689  
2023-11-19 23:24:50,913 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest to be added for the days :  
193.1504574602078  
2023-11-19 23:24:50,913 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111007  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available credit limit for the  
transaction : -3449.959521112689  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,913 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111006  
2023-11-19 23:24:50,913 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111007  
2023-11-19 23:24:50,913 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,913 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,913 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111007  
2023-11-19 23:24:50,913 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,913 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available credit limit for the  
transaction : -3643.1099785728966  
2023-11-19 23:24:50,913 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest to be added for the days :  
218.356453625541  
2023-11-19 23:24:50,913 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111008  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available credit limit for the

transaction : -3643.1099785728966  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,913 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111007  
2023-11-19 23:24:50,913 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111008  
2023-11-19 23:24:50,913 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,913 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,913 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111008  
2023-11-19 23:24:50,913 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,913 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available cash advance for the transaction : -3861.4664321984365  
2023-11-19 23:24:50,913 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest to be added for the days : 279.61197160142314  
2023-11-19 23:24:50,913 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111009  
2023-11-19 23:24:50,913 [Transaction] [INFO] Available credit limit for the transaction : -3861.4664321984365  
2023-11-19 23:24:50,913 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,913 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111008  
2023-11-19 23:24:50,914 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111009  
2023-11-19 23:24:50,914 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,914 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,914 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111009  
2023-11-19 23:24:50,914 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,914 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,914 [Transaction] [INFO] Available credit limit for the transaction : -4141.078403799858  
2023-11-19 23:24:50,914 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,915 [Transaction] [INFO] Interest to be added for the days : 367.5315045090202  
2023-11-19 23:24:50,915 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111010  
2023-11-19 23:24:50,915 [Transaction] [INFO] Available credit limit for the transaction : -4141.078403799858  
2023-11-19 23:24:50,915 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,915 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111009  
2023-11-19 23:24:50,915 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111010  
2023-11-19 23:24:50,915 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,915 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 10

2023-11-19 23:24:50,915 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:24:50,915 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,915 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,915 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,915 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,915 [Transaction] [INFO] Next payment day : 4 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,915 [main] [INFO] Generating payment transaction for day : 4  
2023-11-19 23:24:50,915 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111101  
2023-11-19 23:24:50,915 [Transaction] [INFO] Available credit limit for the  
transaction : -4508.609908308879  
2023-11-19 23:24:50,915 [Transaction] [INFO] Random portion from 0 to 1 :  
0.765720726346582  
2023-11-19 23:24:50,915 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111101  
2023-11-19 23:24:50,915 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,915 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,915 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,915 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111102  
2023-11-19 23:24:50,915 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,916 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,916 [Transaction] [INFO] Available credit limit for the  
transaction : 9925.89189014632  
2023-11-19 23:24:50,916 [Transaction] [INFO] Random purchase amount :  
1104.1455793937475  
2023-11-19 23:24:50,916 [main] [INFO] Customer purchased an amount of  
1104.1455793937475  
2023-11-19 23:24:50,916 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,916 [Transaction] [INFO] Interest to be added for the days :  
17.55938216855116  
2023-11-19 23:24:50,916 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111103  
2023-11-19 23:24:50,916 [Transaction] [INFO] Available credit limit for the  
transaction : 8821.746310752573  
2023-11-19 23:24:50,916 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,916 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111102  
2023-11-19 23:24:50,916 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111103  
2023-11-19 23:24:50,916 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,916 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:50,916 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111103  
2023-11-19 23:24:50,916 [Transaction] [INFO] Available credit limit for the  
transaction : 8804.186928584022  
2023-11-19 23:24:50,916 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8727436496132057  
2023-11-19 23:24:50,916 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000111103  
2023-11-19 23:24:50,916 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,916 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,916 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,916 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111104  
2023-11-19 23:24:50,916 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,916 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,916 [Transaction] [INFO] Available credit limit for the  
transaction : 13637.505032756218  
2023-11-19 23:24:50,916 [Transaction] [INFO] Random purchase amount :  
1313.8236547944741  
2023-11-19 23:24:50,916 [main] [INFO] Customer purchased an amount of  
1313.8236547944741  
2023-11-19 23:24:50,916 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,916 [Transaction] [INFO] Interest to be added for the days :  
14.152276511849454  
2023-11-19 23:24:50,916 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111105  
2023-11-19 23:24:50,917 [Transaction] [INFO] Available credit limit for the  
transaction : 12323.681377961744  
2023-11-19 23:24:50,917 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111104  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111105  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,917 [main] [INFO] Generating payment transaction for day : 11  
2023-11-19 23:24:50,917 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111105  
2023-11-19 23:24:50,917 [Transaction] [INFO] Available credit limit for the  
transaction : 12309.529101449894  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8017372241981505  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111105  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,917 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,917 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:50,917 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111106  
2023-11-19 23:24:50,917 [Transaction] [INFO] Available credit limit for the  
transaction : 13939.245129595269  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random portion from 0 to 1 :  
0.9427104455755753  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111106  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,917 [Transaction] [INFO] Next payment day : 17 for given  
payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,917 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:50,917 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111107  
2023-11-19 23:24:50,917 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,917 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,917 [Transaction] [INFO] Available credit limit for the  
transaction : 14319.171457648095  
2023-11-19 23:24:50,917 [Transaction] [INFO] Random purchase amount :  
8945.160173447228  
2023-11-19 23:24:50,917 [main] [INFO] Customer purchased an amount of  
8945.160173447228  
2023-11-19 23:24:50,917 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,917 [Transaction] [INFO] Interest to be added for the days :  
91.6022535609689  
2023-11-19 23:24:50,917 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111108  
2023-11-19 23:24:50,917 [Transaction] [INFO] Available credit limit for the  
transaction : 5374.0112842008675  
2023-11-19 23:24:50,917 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111107  
2023-11-19 23:24:50,917 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111108  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,918 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:24:50,918 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111108  
2023-11-19 23:24:50,918 [Transaction] [INFO] Available credit limit for the  
transaction : 5282.409030639899  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random portion from 0 to 1 :  
0.30409503163176965  
2023-11-19 23:24:50,918 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111108  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,918 [Transaction] [INFO] Next payment day : 21 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,918 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,918 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111109  
2023-11-19 23:24:50,918 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,918 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,918 [Transaction] [INFO] Available credit limit for the  
transaction : 8037.464697746578  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random purchase amount :  
3591.0313668798335  
2023-11-19 23:24:50,918 [main] [INFO] Customer purchased an amount of  
3591.0313668798335  
2023-11-19 23:24:50,918 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,918 [Transaction] [INFO] Interest to be added for the days :  
132.87425781120353  
2023-11-19 23:24:50,918 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111110



2023-11-19 23:24:50,918 [Transaction] [INFO] Available credit limit for the transaction : 4446.433330866745  
2023-11-19 23:24:50,918 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,918 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111109  
2023-11-19 23:24:50,918 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111110  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,918 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:24:50,918 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111110  
2023-11-19 23:24:50,918 [Transaction] [INFO] Available credit limit for the transaction : 4313.559073055541  
2023-11-19 23:24:50,918 [Transaction] [INFO] Random portion from 0 to 1 : 0.03888959214213483  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111110  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,919 [Transaction] [INFO] Next payment day : 22 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,919 [main] [INFO] Generating payment transaction for day : 22  
2023-11-19 23:24:50,919 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111111  
2023-11-19 23:24:50,919 [Transaction] [INFO] Available credit limit for the transaction : 4703.57116181986  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random portion from 0 to 1 : 0.6367965759887171  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111111  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,919 [Transaction] [INFO] Next payment day : 24 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,919 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:24:50,919 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111112  
2023-11-19 23:24:50,919 [Transaction] [INFO] Available credit limit for the transaction : 10841.455210993638  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random portion from 0 to 1 : 0.3339843865398868  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111112  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,919 [Transaction] [INFO] Next payment day : 30 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,919 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:50,919 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111113  
2023-11-19 23:24:50,919 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,919 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,919 [Transaction] [INFO] Available credit limit for the transaction : 12010.669350845827  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random purchase amount :

9907.37812697928  
2023-11-19 23:24:50,919 [main] [INFO] Customer purchased an amount of  
9907.37812697928  
2023-11-19 23:24:50,919 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,919 [Transaction] [INFO] Interest to be added for the days :  
219.60401326750667  
2023-11-19 23:24:50,919 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111114  
2023-11-19 23:24:50,919 [Transaction] [INFO] Available credit limit for the  
transaction : 2103.2912238665467  
2023-11-19 23:24:50,919 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111113  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111114  
2023-11-19 23:24:50,919 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,919 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 11  
2023-11-19 23:24:50,919 [main] [INFO] Generating account activity for month : 12  
2023-11-19 23:24:50,920 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:50,920 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,920 [Transaction] [INFO] Next payment day : 2 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,920 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:50,920 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111201  
2023-11-19 23:24:50,920 [Transaction] [INFO] Available credit limit for the  
transaction : 1883.6872105990406  
2023-11-19 23:24:50,920 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111201  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,920 [Transaction] [INFO] Next payment day : 9 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,920 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:50,920 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111202  
2023-11-19 23:24:50,920 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,920 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,920 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random purchase amount :  
9355.57459029233  
2023-11-19 23:24:50,920 [main] [INFO] Customer purchased an amount of  
9355.57459029233  
2023-11-19 23:24:50,920 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,920 [Transaction] [INFO] Interest to be added for the days :  
23.79864374405662  
2023-11-19 23:24:50,920 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111203

2023-11-19 23:24:50,920 [Transaction] [INFO] Available credit limit for the transaction : 4986.68540970767  
2023-11-19 23:24:50,920 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,920 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111202  
2023-11-19 23:24:50,920 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111203  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,920 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:24:50,920 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111203  
2023-11-19 23:24:50,920 [Transaction] [INFO] Available credit limit for the transaction : 4962.886765963614  
2023-11-19 23:24:50,920 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111203  
2023-11-19 23:24:50,920 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,920 [Transaction] [INFO] Next payment day : 12 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,920 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,920 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111204  
2023-11-19 23:24:50,920 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,921 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,921 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,921 [Transaction] [INFO] Random purchase amount : 7009.160352922528  
2023-11-19 23:24:50,921 [main] [INFO] Customer purchased an amount of 7009.160352922528  
2023-11-19 23:24:50,921 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,921 [Transaction] [INFO] Interest to be added for the days : 49.141298905805996  
2023-11-19 23:24:50,921 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111205  
2023-11-19 23:24:50,921 [Transaction] [INFO] Available credit limit for the transaction : 7333.099647077473  
2023-11-19 23:24:50,921 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,921 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111204  
2023-11-19 23:24:50,921 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111205  
2023-11-19 23:24:50,921 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,921 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:50,921 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111205  
2023-11-19 23:24:50,921 [Transaction] [INFO] Available credit limit for the transaction : 7283.958348171666  
2023-11-19 23:24:50,921 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111205  
2023-11-19 23:24:50,921 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,921 [Transaction] [INFO] Next payment day : 14 for given

payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,921 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,921 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111206  
2023-11-19 23:24:50,921 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,921 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,921 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,921 [Transaction] [INFO] Random purchase amount :  
12337.296567295223  
2023-11-19 23:24:50,921 [main] [INFO] Customer purchased an amount of  
12337.296567295223  
2023-11-19 23:24:50,921 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,921 [Transaction] [INFO] Interest to be added for the days :  
110.19205834485336  
2023-11-19 23:24:50,921 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111207  
2023-11-19 23:24:50,921 [Transaction] [INFO] Available credit limit for the  
transaction : 2004.963432704777  
2023-11-19 23:24:50,921 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,921 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111206  
2023-11-19 23:24:50,921 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111207  
2023-11-19 23:24:50,921 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,921 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:50,922 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111207  
2023-11-19 23:24:50,922 [Transaction] [INFO] Available credit limit for the  
transaction : 1894.7713743599234  
2023-11-19 23:24:50,922 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111207  
2023-11-19 23:24:50,922 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,922 [Transaction] [INFO] Next payment day : 17 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,922 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,922 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111208  
2023-11-19 23:24:50,922 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,922 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,922 [Transaction] [INFO] Available credit limit for the  
transaction : 14342.26  
2023-11-19 23:24:50,922 [Transaction] [INFO] Random purchase amount :  
2482.907778725397  
2023-11-19 23:24:50,922 [main] [INFO] Customer purchased an amount of  
2482.907778725397  
2023-11-19 23:24:50,922 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,922 [Transaction] [INFO] Interest to be added for the days :  
23.767977860951518  
2023-11-19 23:24:50,922 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111209  
2023-11-19 23:24:50,922 [Transaction] [INFO] Available credit limit for the

transaction : 11859.352221274603  
2023-11-19 23:24:50,922 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,922 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111208  
2023-11-19 23:24:50,922 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111209  
2023-11-19 23:24:50,922 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,922 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,922 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111209  
2023-11-19 23:24:50,922 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,922 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,922 [Transaction] [INFO] Available credit limit for the transaction : 11835.584243413652  
2023-11-19 23:24:50,922 [Transaction] [INFO] Random purchase amount : 1090.3436279090733  
2023-11-19 23:24:50,922 [main] [INFO] Customer purchased an amount of 1090.3436279090733  
2023-11-19 23:24:50,922 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,922 [Transaction] [INFO] Interest to be added for the days : 39.048862834909336  
2023-11-19 23:24:50,922 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111210  
2023-11-19 23:24:50,922 [Transaction] [INFO] Available credit limit for the transaction : 10745.24061550458  
2023-11-19 23:24:50,922 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,922 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111209  
2023-11-19 23:24:50,922 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111210  
2023-11-19 23:24:50,922 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,922 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:24:50,923 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111210  
2023-11-19 23:24:50,923 [Transaction] [INFO] Available credit limit for the transaction : 10706.191752669669  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111210  
2023-11-19 23:24:50,923 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,923 [Transaction] [INFO] Next payment day : 20 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,923 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,923 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111211  
2023-11-19 23:24:50,923 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,923 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,923 [Transaction] [INFO] Available credit limit for the transaction : 14342.26  
2023-11-19 23:24:50,923 [Transaction] [INFO] Random purchase amount : 1260.239911889601

2023-11-19 23:24:50,923 [main] [INFO] Customer purchased an amount of  
1260.239911889601  
2023-11-19 23:24:50,923 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,923 [Transaction] [INFO] Interest to be added for the days :  
18.54500792921285  
2023-11-19 23:24:50,923 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111212  
2023-11-19 23:24:50,923 [Transaction] [INFO] Available credit limit for the  
transaction : 13082.0200881104  
2023-11-19 23:24:50,923 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111211  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111212  
2023-11-19 23:24:50,923 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,923 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:50,923 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111212  
2023-11-19 23:24:50,923 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,923 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,923 [Transaction] [INFO] Available credit limit for the  
transaction : 13063.475080181186  
2023-11-19 23:24:50,923 [Transaction] [INFO] Random purchase amount :  
11570.845510742984  
2023-11-19 23:24:50,923 [main] [INFO] Customer purchased an amount of  
11570.845510742984  
2023-11-19 23:24:50,923 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,923 [Transaction] [INFO] Interest to be added for the days :  
247.18720739993276  
2023-11-19 23:24:50,923 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111213  
2023-11-19 23:24:50,923 [Transaction] [INFO] Available credit limit for the  
transaction : 1492.6295694382025  
2023-11-19 23:24:50,923 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111212  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111213  
2023-11-19 23:24:50,923 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,923 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 12  
2023-11-19 23:24:50,924 [main] [INFO] Generating account activity for account :  
10000012  
2023-11-19 23:24:50,924 [main] [INFO] Generating account activity for month : 1  
2023-11-19 23:24:50,924 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,924 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random generated number from 1 to 10 :  
2  
2023-11-19 23:24:50,924 [Transaction] [INFO] Next payment day : 2 for given payment  
type : MONTHLY\_MINIMUM\_DUE

2023-11-19 23:24:50,924 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:50,924 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120101  
2023-11-19 23:24:50,924 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,924 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,924 [Transaction] [INFO] Available credit limit for the  
transaction : 19793.82  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random purchase amount :  
13434.162256727774  
2023-11-19 23:24:50,924 [main] [INFO] Customer purchased an amount of  
13434.162256727774  
2023-11-19 23:24:50,924 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,924 [Transaction] [INFO] Interest to be added for the days :  
9.992808363566944  
2023-11-19 23:24:50,924 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120102  
2023-11-19 23:24:50,924 [Transaction] [INFO] Available credit limit for the  
transaction : 6359.657743272226  
2023-11-19 23:24:50,924 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,924 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120101  
2023-11-19 23:24:50,924 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120102  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,924 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:50,924 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120102  
2023-11-19 23:24:50,924 [Transaction] [INFO] Available credit limit for the  
transaction : 6349.664934908658  
2023-11-19 23:24:50,924 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120102  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random generated number from 1 to 10 :  
5  
2023-11-19 23:24:50,924 [Transaction] [INFO] Next payment day : 5 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,924 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,924 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120103  
2023-11-19 23:24:50,924 [Transaction] [INFO] Available credit limit for the  
transaction : 7659.3466987048305  
2023-11-19 23:24:50,924 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120103  
2023-11-19 23:24:50,924 [Transaction] [INFO] Random generated number from 1 to 10 :  
9  
2023-11-19 23:24:50,924 [Transaction] [INFO] Next payment day : 9 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,924 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:50,925 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120104  
2023-11-19 23:24:50,925 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,925 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,925 [Transaction] [INFO] Available credit limit for the  
transaction : 8969.028462501003

2023-11-19 23:24:50,925 [Transaction] [INFO] Random purchase amount :  
2328.049116511054  
2023-11-19 23:24:50,925 [main] [INFO] Customer purchased an amount of  
2328.049116511054  
2023-11-19 23:24:50,925 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,925 [Transaction] [INFO] Interest to be added for the days :  
78.47248001532692  
2023-11-19 23:24:50,925 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120105  
2023-11-19 23:24:50,925 [Transaction] [INFO] Available credit limit for the  
transaction : 6640.979345989948  
2023-11-19 23:24:50,925 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,925 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120104  
2023-11-19 23:24:50,925 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120105  
2023-11-19 23:24:50,925 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,925 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:24:50,925 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120105  
2023-11-19 23:24:50,925 [Transaction] [INFO] Available credit limit for the  
transaction : 6562.506865974621  
2023-11-19 23:24:50,925 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120105  
2023-11-19 23:24:50,925 [Transaction] [INFO] Random generated number from 1 to 10 :  
10  
2023-11-19 23:24:50,925 [Transaction] [INFO] Next payment day : 10 for given  
payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,925 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:50,925 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120106  
2023-11-19 23:24:50,925 [Transaction] [INFO] Available credit limit for the  
transaction : 7872.188629770793  
2023-11-19 23:24:50,925 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120106  
2023-11-19 23:24:50,925 [Transaction] [INFO] Random generated number from 1 to 10 :  
4  
2023-11-19 23:24:50,925 [Transaction] [INFO] Next payment day : 4 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,925 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,925 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120107  
2023-11-19 23:24:50,925 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,925 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,925 [Transaction] [INFO] Available credit limit for the  
transaction : 9181.870393566966  
2023-11-19 23:24:50,925 [Transaction] [INFO] Random purchase amount :  
3318.1569297650226  
2023-11-19 23:24:50,925 [main] [INFO] Customer purchased an amount of  
3318.1569297650226  
2023-11-19 23:24:50,925 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,925 [Transaction] [INFO] Interest to be added for the days :  
145.7673966293161  
2023-11-19 23:24:50,926 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120108



2023-11-19 23:24:50,926 [Transaction] [INFO] Available credit limit for the transaction : 5863.713463801943  
2023-11-19 23:24:50,926 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120107  
2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120108  
2023-11-19 23:24:50,926 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,926 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:50,926 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120108  
2023-11-19 23:24:50,926 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,926 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,926 [Transaction] [INFO] Available credit limit for the transaction : 5717.9460671726265  
2023-11-19 23:24:50,926 [Transaction] [INFO] Random purchase amount : 1685.598724363021  
2023-11-19 23:24:50,926 [main] [INFO] Customer purchased an amount of 1685.598724363021  
2023-11-19 23:24:50,926 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,926 [Transaction] [INFO] Interest to be added for the days : 188.63323957952403  
2023-11-19 23:24:50,926 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120109  
2023-11-19 23:24:50,926 [Transaction] [INFO] Available credit limit for the transaction : 4032.347342809606  
2023-11-19 23:24:50,926 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120108  
2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120109  
2023-11-19 23:24:50,926 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,926 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,926 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120109  
2023-11-19 23:24:50,926 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,926 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,926 [Transaction] [INFO] Available credit limit for the transaction : 3843.7141032300824  
2023-11-19 23:24:50,926 [Transaction] [INFO] Random purchase amount : 1366.9902048993536  
2023-11-19 23:24:50,926 [main] [INFO] Customer purchased an amount of 1366.9902048993536  
2023-11-19 23:24:50,926 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,926 [Transaction] [INFO] Interest to be added for the days : 272.5241347904778  
2023-11-19 23:24:50,926 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120110  
2023-11-19 23:24:50,926 [Transaction] [INFO] Available credit limit for the transaction : 2476.723898330729  
2023-11-19 23:24:50,926 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120109

2023-11-19 23:24:50,926 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120110

2023-11-19 23:24:50,927 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:50,927 [main] [INFO] Generating transaction for day : 22

2023-11-19 23:24:50,927 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120110

2023-11-19 23:24:50,927 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE

2023-11-19 23:24:50,927 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE

2023-11-19 23:24:50,927 [Transaction] [INFO] Available cash advance for the transaction : 1979.382

2023-11-19 23:24:50,927 [Transaction] [INFO] Random cash amount : 1965.4306535692901

2023-11-19 23:24:50,927 [main] [INFO] Customer has withdrawn cash of 1965.4306535692901

2023-11-19 23:24:50,927 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,927 [Transaction] [INFO] Interest to be added for the days : 322.5181285065351

2023-11-19 23:24:50,927 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120111

2023-11-19 23:24:50,927 [Transaction] [INFO] Available credit limit for the transaction : 238.76910997096275

2023-11-19 23:24:50,927 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,927 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120110

2023-11-19 23:24:50,927 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120111

2023-11-19 23:24:50,927 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:50,927 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:24:50,927 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120111

2023-11-19 23:24:50,927 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,927 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,927 [Transaction] [INFO] Available credit limit for the transaction : -83.74901853557094

2023-11-19 23:24:50,927 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,927 [Transaction] [INFO] Interest to be added for the days : 403.09674768037763

2023-11-19 23:24:50,927 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120112

2023-11-19 23:24:50,927 [Transaction] [INFO] Available credit limit for the transaction : -83.74901853557094

2023-11-19 23:24:50,927 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,927 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120111

2023-11-19 23:24:50,927 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120112

2023-11-19 23:24:50,927 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:50,927 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 1  
2023-11-19 23:24:50,927 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:24:50,927 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,927 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,927 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,927 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,928 [Transaction] [INFO] Next payment day : 7 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,928 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:50,928 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120201  
2023-11-19 23:24:50,928 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,928 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,928 [Transaction] [INFO] Available credit limit for the transaction : -486.84576621594897  
2023-11-19 23:24:50,928 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,928 [Transaction] [INFO] Interest to be added for the days : 30.18218416243603  
2023-11-19 23:24:50,928 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120202  
2023-11-19 23:24:50,928 [Transaction] [INFO] Available credit limit for the transaction : -486.84576621594897  
2023-11-19 23:24:50,928 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,928 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120201  
2023-11-19 23:24:50,928 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120202  
2023-11-19 23:24:50,928 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,928 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:50,928 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120202  
2023-11-19 23:24:50,928 [Transaction] [INFO] Available credit limit for the transaction : -517.0279503783859  
2023-11-19 23:24:50,928 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120202  
2023-11-19 23:24:50,928 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,928 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,928 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:50,928 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120203  
2023-11-19 23:24:50,928 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,928 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,928 [Transaction] [INFO] Available credit limit for the transaction : 19793.82  
2023-11-19 23:24:50,928 [Transaction] [INFO] Random purchase amount : 4547.5510877243405  
2023-11-19 23:24:50,928 [main] [INFO] Customer purchased an amount of

4547.5510877243405  
2023-11-19 23:24:50,928 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,928 [Transaction] [INFO] Interest to be added for the days :  
27.13160002750641  
2023-11-19 23:24:50,928 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120204  
2023-11-19 23:24:50,928 [Transaction] [INFO] Available credit limit for the  
transaction : 15246.26891227566  
2023-11-19 23:24:50,928 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,928 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120203  
2023-11-19 23:24:50,928 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120204  
2023-11-19 23:24:50,929 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,929 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,929 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120204  
2023-11-19 23:24:50,929 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,929 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,929 [Transaction] [INFO] Available credit limit for the  
transaction : 15219.137312248153  
2023-11-19 23:24:50,929 [Transaction] [INFO] Random purchase amount :  
694.2873300105084  
2023-11-19 23:24:50,929 [main] [INFO] Customer purchased an amount of  
694.2873300105084  
2023-11-19 23:24:50,929 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,929 [Transaction] [INFO] Interest to be added for the days :  
35.378360339961716  
2023-11-19 23:24:50,930 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120205  
2023-11-19 23:24:50,930 [Transaction] [INFO] Available credit limit for the  
transaction : 14524.849982237643  
2023-11-19 23:24:50,930 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,930 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120204  
2023-11-19 23:24:50,930 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120205  
2023-11-19 23:24:50,930 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,930 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:50,930 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120205  
2023-11-19 23:24:50,930 [Transaction] [INFO] Available credit limit for the  
transaction : 14489.471621897683  
2023-11-19 23:24:50,930 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120205  
2023-11-19 23:24:50,930 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,930 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,930 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,930 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120206  
2023-11-19 23:24:50,930 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:50,930 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,930 [Transaction] [INFO] Available credit limit for the  
transaction : 19793.82  
2023-11-19 23:24:50,930 [Transaction] [INFO] Random purchase amount :  
11207.20371696696  
2023-11-19 23:24:50,930 [main] [INFO] Customer purchased an amount of  
11207.20371696696  
2023-11-19 23:24:50,930 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,930 [Transaction] [INFO] Interest to be added for the days :  
100.44607993611848  
2023-11-19 23:24:50,930 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120207  
2023-11-19 23:24:50,930 [Transaction] [INFO] Available credit limit for the  
transaction : 8586.61628303304  
2023-11-19 23:24:50,930 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,930 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120206  
2023-11-19 23:24:50,930 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120207  
2023-11-19 23:24:50,930 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,930 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,930 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120207  
2023-11-19 23:24:50,931 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,931 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,931 [Transaction] [INFO] Available credit limit for the  
transaction : 8486.17020309692  
2023-11-19 23:24:50,931 [Transaction] [INFO] Random purchase amount :  
5754.726905457866  
2023-11-19 23:24:50,931 [main] [INFO] Customer purchased an amount of  
5754.726905457866  
2023-11-19 23:24:50,931 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,931 [Transaction] [INFO] Interest to be added for the days :  
229.89900036322575  
2023-11-19 23:24:50,931 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120208  
2023-11-19 23:24:50,931 [Transaction] [INFO] Available credit limit for the  
transaction : 2731.4432976390526  
2023-11-19 23:24:50,931 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,931 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120207  
2023-11-19 23:24:50,931 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120208  
2023-11-19 23:24:50,931 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,931 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,931 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120208  
2023-11-19 23:24:50,931 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,931 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE

2023-11-19 23:24:50,931 [Transaction] [INFO] Available credit limit for the transaction : 2501.5442972758283  
2023-11-19 23:24:50,931 [Transaction] [INFO] Random purchase amount : 60.16373532241789  
2023-11-19 23:24:50,931 [main] [INFO] Customer purchased an amount of 60.16373532241789  
2023-11-19 23:24:50,931 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,931 [Transaction] [INFO] Interest to be added for the days : 246.88859148164588  
2023-11-19 23:24:50,932 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120209  
2023-11-19 23:24:50,932 [Transaction] [INFO] Available credit limit for the transaction : 2441.3805619534105  
2023-11-19 23:24:50,932 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,932 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120208  
2023-11-19 23:24:50,932 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120209  
2023-11-19 23:24:50,932 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,932 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:50,932 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120209  
2023-11-19 23:24:50,932 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,932 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,932 [Transaction] [INFO] Available credit limit for the transaction : 2194.491970471765  
2023-11-19 23:24:50,932 [Transaction] [INFO] Random purchase amount : 38.41108087070987  
2023-11-19 23:24:50,932 [main] [INFO] Customer purchased an amount of 38.41108087070987  
2023-11-19 23:24:50,932 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,932 [Transaction] [INFO] Interest to be added for the days : 264.2540461621805  
2023-11-19 23:24:50,932 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120210  
2023-11-19 23:24:50,932 [Transaction] [INFO] Available credit limit for the transaction : 2156.0808896010567  
2023-11-19 23:24:50,932 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,932 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120209  
2023-11-19 23:24:50,932 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120210  
2023-11-19 23:24:50,932 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,932 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,932 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120210  
2023-11-19 23:24:50,932 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,932 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,932 [Transaction] [INFO] Available credit limit for the transaction : 1891.8268434388774  
2023-11-19 23:24:50,932 [Transaction] [INFO] Random purchase amount :

1457.1870461216877  
2023-11-19 23:24:50,932 [main] [INFO] Customer purchased an amount of  
1457.1870461216877  
2023-11-19 23:24:50,932 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,932 [Transaction] [INFO] Interest to be added for the days :  
377.90320765160965  
2023-11-19 23:24:50,932 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120211  
2023-11-19 23:24:50,932 [Transaction] [INFO] Available credit limit for the  
transaction : 434.63979731719155  
2023-11-19 23:24:50,932 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,932 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120210  
2023-11-19 23:24:50,933 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120211  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,933 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 2  
2023-11-19 23:24:50,933 [main] [INFO] Generating account activity for month : 3  
2023-11-19 23:24:50,933 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,933 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,933 [Transaction] [INFO] Next payment day : 1 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,933 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:50,933 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120301  
2023-11-19 23:24:50,933 [Transaction] [INFO] Available credit limit for the  
transaction : 56.73658966558287  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random portion from 0 to 1 :  
0.21418377110423992  
2023-11-19 23:24:50,933 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120301  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,933 [Transaction] [INFO] Next payment day : 8 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,933 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,933 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120302  
2023-11-19 23:24:50,933 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,933 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,933 [Transaction] [INFO] Available credit limit for the  
transaction : 4284.099545089941  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random purchase amount :  
3098.8105314861696  
2023-11-19 23:24:50,933 [main] [INFO] Customer purchased an amount of  
3098.8105314861696  
2023-11-19 23:24:50,933 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,933 [Transaction] [INFO] Interest to be added for the days :  
69.31147660589008

2023-11-19 23:24:50,933 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120303  
2023-11-19 23:24:50,933 [Transaction] [INFO] Available credit limit for the transaction : 1185.2890136037713  
2023-11-19 23:24:50,933 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,933 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120302  
2023-11-19 23:24:50,933 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120303  
2023-11-19 23:24:50,933 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,933 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,933 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120303  
2023-11-19 23:24:50,933 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,934 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,934 [Transaction] [INFO] Available credit limit for the transaction : 1115.9775369978815  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random purchase amount : 838.890856208761  
2023-11-19 23:24:50,934 [main] [INFO] Customer purchased an amount of 838.890856208761  
2023-11-19 23:24:50,934 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,934 [Transaction] [INFO] Interest to be added for the days : 101.84773811869239  
2023-11-19 23:24:50,934 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120304  
2023-11-19 23:24:50,934 [Transaction] [INFO] Available credit limit for the transaction : 277.0866807891216  
2023-11-19 23:24:50,934 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,934 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120303  
2023-11-19 23:24:50,934 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120304  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,934 [main] [INFO] Generating payment transaction for day : 8  
2023-11-19 23:24:50,934 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120304  
2023-11-19 23:24:50,934 [Transaction] [INFO] Available credit limit for the transaction : 175.23894267042851  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random portion from 0 to 1 : 0.7598137342139921  
2023-11-19 23:24:50,934 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120304  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,934 [Transaction] [INFO] Next payment day : 13 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,934 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,934 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120305  
2023-11-19 23:24:50,934 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,934 [main] [INFO] Current transaction type is



TransactionType.PURCHASE  
2023-11-19 23:24:50,934 [Transaction] [INFO] Available credit limit for the transaction : 15081.706275819899  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random purchase amount : 13808.950152713045  
2023-11-19 23:24:50,934 [main] [INFO] Customer purchased an amount of 13808.950152713045  
2023-11-19 23:24:50,934 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,934 [Transaction] [INFO] Interest to be added for the days : 152.1077712290353  
2023-11-19 23:24:50,934 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120306  
2023-11-19 23:24:50,934 [Transaction] [INFO] Available credit limit for the transaction : 1272.756123106854  
2023-11-19 23:24:50,934 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,934 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120305  
2023-11-19 23:24:50,934 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120306  
2023-11-19 23:24:50,934 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,934 [main] [INFO] Generating payment transaction for day : 13  
2023-11-19 23:24:50,935 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120306  
2023-11-19 23:24:50,935 [Transaction] [INFO] Available credit limit for the transaction : 1120.6483518778186  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random portion from 0 to 1 : 0.6089062106929117  
2023-11-19 23:24:50,935 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120306  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,935 [Transaction] [INFO] Next payment day : 20 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,935 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,935 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120307  
2023-11-19 23:24:50,935 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,935 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,935 [Transaction] [INFO] Available credit limit for the transaction : 12490.858541754209  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random purchase amount : 8624.663251856024  
2023-11-19 23:24:50,935 [main] [INFO] Customer purchased an amount of 8624.663251856024  
2023-11-19 23:24:50,935 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,935 [Transaction] [INFO] Interest to be added for the days : 202.61107245071491  
2023-11-19 23:24:50,935 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120308  
2023-11-19 23:24:50,935 [Transaction] [INFO] Available credit limit for the transaction : 3866.1952898981854  
2023-11-19 23:24:50,935 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,935 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120307

2023-11-19 23:24:50,935 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120308  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,935 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,935 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120308  
2023-11-19 23:24:50,935 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,935 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,935 [Transaction] [INFO] Available credit limit for the transaction : 3663.584217447471  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random purchase amount : 3534.4152018658856  
2023-11-19 23:24:50,935 [main] [INFO] Customer purchased an amount of 3534.4152018658856  
2023-11-19 23:24:50,935 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,935 [Transaction] [INFO] Interest to be added for the days : 279.78648194422175  
2023-11-19 23:24:50,935 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120309  
2023-11-19 23:24:50,935 [Transaction] [INFO] Available credit limit for the transaction : 129.16901558158497  
2023-11-19 23:24:50,935 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,935 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120308  
2023-11-19 23:24:50,935 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120309  
2023-11-19 23:24:50,935 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,936 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:50,936 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120309  
2023-11-19 23:24:50,936 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,936 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,936 [Transaction] [INFO] Available cash advance for the transaction : -150.61746636263706  
2023-11-19 23:24:50,936 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,936 [Transaction] [INFO] Interest to be added for the days : 298.81371222956614  
2023-11-19 23:24:50,936 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120310  
2023-11-19 23:24:50,936 [Transaction] [INFO] Available credit limit for the transaction : -150.61746636263706  
2023-11-19 23:24:50,936 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,936 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120309  
2023-11-19 23:24:50,936 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120310  
2023-11-19 23:24:50,936 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,936 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:24:50,936 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120310

2023-11-19 23:24:50,936 [Transaction] [INFO] Available credit limit for the transaction : -449.43117859220365  
2023-11-19 23:24:50,936 [Transaction] [INFO] Random portion from 0 to 1 : 0.04703573441124442  
2023-11-19 23:24:50,936 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120310  
2023-11-19 23:24:50,936 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,936 [Transaction] [INFO] Next payment day : 25 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,936 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,936 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120311  
2023-11-19 23:24:50,936 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,936 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,936 [Transaction] [INFO] Available credit limit for the transaction : 502.72500746417063  
2023-11-19 23:24:50,936 [Transaction] [INFO] Random purchase amount : 347.4046319761419  
2023-11-19 23:24:50,936 [main] [INFO] Customer purchased an amount of 347.4046319761419  
2023-11-19 23:24:50,936 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,936 [Transaction] [INFO] Interest to be added for the days : 353.60295869390467  
2023-11-19 23:24:50,936 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120312  
2023-11-19 23:24:50,936 [Transaction] [INFO] Available credit limit for the transaction : 155.32037548803055  
2023-11-19 23:24:50,936 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,936 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120311  
2023-11-19 23:24:50,937 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120312  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,937 [main] [INFO] Generating payment transaction for day : 25  
2023-11-19 23:24:50,937 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120312  
2023-11-19 23:24:50,937 [Transaction] [INFO] Available credit limit for the transaction : -198.28258320587338  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random portion from 0 to 1 : 0.377854596116207  
2023-11-19 23:24:50,937 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120312  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,937 [Transaction] [INFO] Next payment day : 28 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,937 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,937 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120313  
2023-11-19 23:24:50,937 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,937 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,937 [Transaction] [INFO] Available credit limit for the

transaction : 7355.825263885159  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random purchase amount :  
1833.3414529047864  
2023-11-19 23:24:50,937 [main] [INFO] Customer purchased an amount of  
1833.3414529047864  
2023-11-19 23:24:50,937 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,937 [Transaction] [INFO] Interest to be added for the days :  
278.5853360958758  
2023-11-19 23:24:50,937 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120314  
2023-11-19 23:24:50,937 [Transaction] [INFO] Available credit limit for the  
transaction : 5522.483810980373  
2023-11-19 23:24:50,937 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,937 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120313  
2023-11-19 23:24:50,937 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120314  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,937 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:50,937 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120314  
2023-11-19 23:24:50,937 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,937 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,937 [Transaction] [INFO] Available credit limit for the  
transaction : 5243.898474884498  
2023-11-19 23:24:50,937 [Transaction] [INFO] Random purchase amount :  
3213.4398653579015  
2023-11-19 23:24:50,937 [main] [INFO] Customer purchased an amount of  
3213.4398653579015  
2023-11-19 23:24:50,937 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,937 [Transaction] [INFO] Interest to be added for the days :  
373.703749058484  
2023-11-19 23:24:50,937 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120315  
2023-11-19 23:24:50,937 [Transaction] [INFO] Available credit limit for the  
transaction : 2030.458609526595  
2023-11-19 23:24:50,937 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120314  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120315  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 3  
2023-11-19 23:24:50,938 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:24:50,938 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:50,938 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,938 [Transaction] [INFO] Next payment day : 2 for given payment

type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,938 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:50,938 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120401  
2023-11-19 23:24:50,938 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,938 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,938 [Transaction] [INFO] Available credit limit for the transaction : 1656.7548604681106  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random purchase amount : 1642.8782647913777  
2023-11-19 23:24:50,938 [main] [INFO] Customer purchased an amount of 1642.8782647913777  
2023-11-19 23:24:50,938 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,938 [Transaction] [INFO] Interest to be added for the days : 29.43699686360138  
2023-11-19 23:24:50,938 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120402  
2023-11-19 23:24:50,938 [Transaction] [INFO] Available credit limit for the transaction : 13.876595676731085  
2023-11-19 23:24:50,938 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120401  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120402  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,938 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:50,938 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120402  
2023-11-19 23:24:50,938 [Transaction] [INFO] Available credit limit for the transaction : -15.560401186870877  
2023-11-19 23:24:50,938 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120402  
2023-11-19 23:24:50,938 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,938 [Transaction] [INFO] Next payment day : 8 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,938 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,938 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120403  
2023-11-19 23:24:50,938 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,939 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,939 [Transaction] [INFO] Available cash advance for the transaction : 1979.382  
2023-11-19 23:24:50,939 [Transaction] [INFO] Random cash amount : 1504.6999983826336  
2023-11-19 23:24:50,939 [main] [INFO] Customer has withdrawn cash of 1504.6999983826336  
2023-11-19 23:24:50,939 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,939 [Transaction] [INFO] Interest to be added for the days : 10.103268488312285  
2023-11-19 23:24:50,939 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120404  
2023-11-19 23:24:50,939 [Transaction] [INFO] Available credit limit for the

transaction : 18289.120001617368  
2023-11-19 23:24:50,939 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,939 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120403  
2023-11-19 23:24:50,939 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120404  
2023-11-19 23:24:50,939 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,939 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,939 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120404  
2023-11-19 23:24:50,939 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,939 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,939 [Transaction] [INFO] Available credit limit for the transaction : 18279.016733129054  
2023-11-19 23:24:50,939 [Transaction] [INFO] Random purchase amount : 15695.048115187088  
2023-11-19 23:24:50,939 [main] [INFO] Customer purchased an amount of 15695.048115187088  
2023-11-19 23:24:50,939 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,939 [Transaction] [INFO] Interest to be added for the days : 128.4423480084323  
2023-11-19 23:24:50,939 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120405  
2023-11-19 23:24:50,939 [Transaction] [INFO] Available credit limit for the transaction : 2583.968617941966  
2023-11-19 23:24:50,939 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,939 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120404  
2023-11-19 23:24:50,939 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120405  
2023-11-19 23:24:50,939 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,939 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,939 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120405  
2023-11-19 23:24:50,939 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,939 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,939 [Transaction] [INFO] Available credit limit for the transaction : 2455.5262699335326  
2023-11-19 23:24:50,939 [Transaction] [INFO] Random purchase amount : 1116.5381885738068  
2023-11-19 23:24:50,939 [main] [INFO] Customer purchased an amount of 1116.5381885738068  
2023-11-19 23:24:50,939 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest to be added for the days : 193.11502012001205  
2023-11-19 23:24:50,940 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120406  
2023-11-19 23:24:50,940 [Transaction] [INFO] Available credit limit for the transaction : 1338.9880813597265  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120405  
2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120406  
2023-11-19 23:24:50,940 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,940 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:50,940 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120406  
2023-11-19 23:24:50,940 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,940 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,940 [Transaction] [INFO] Available credit limit for the transaction : 1145.8730612397158  
2023-11-19 23:24:50,940 [Transaction] [INFO] Random purchase amount : 43.34368060258816  
2023-11-19 23:24:50,940 [main] [INFO] Customer purchased an amount of 43.34368060258816  
2023-11-19 23:24:50,940 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest to be added for the days : 280.0386797448286  
2023-11-19 23:24:50,940 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120407  
2023-11-19 23:24:50,940 [Transaction] [INFO] Available credit limit for the transaction : 1102.5293806371265  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120406  
2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120407  
2023-11-19 23:24:50,940 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,940 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,940 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120407  
2023-11-19 23:24:50,940 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,940 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,940 [Transaction] [INFO] Available credit limit for the transaction : 822.4907008922964  
2023-11-19 23:24:50,940 [Transaction] [INFO] Random purchase amount : 471.4159691477051  
2023-11-19 23:24:50,940 [main] [INFO] Customer purchased an amount of 471.4159691477051  
2023-11-19 23:24:50,940 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest to be added for the days : 305.9760886625907  
2023-11-19 23:24:50,940 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120408  
2023-11-19 23:24:50,940 [Transaction] [INFO] Available credit limit for the transaction : 351.074731744593  
2023-11-19 23:24:50,940 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120407  
2023-11-19 23:24:50,940 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000120408  
2023-11-19 23:24:50,940 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,941 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,941 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120408  
2023-11-19 23:24:50,941 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,941 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,941 [Transaction] [INFO] Available credit limit for the  
transaction : 45.09864308200122  
2023-11-19 23:24:50,941 [Transaction] [INFO] Random purchase amount :  
19.655178616367824  
2023-11-19 23:24:50,941 [main] [INFO] Customer purchased an amount of  
19.655178616367824  
2023-11-19 23:24:50,941 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,941 [Transaction] [INFO] Interest to be added for the days :  
340.98341218302323  
2023-11-19 23:24:50,941 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120409  
2023-11-19 23:24:50,941 [Transaction] [INFO] Available credit limit for the  
transaction : 25.443464465632132  
2023-11-19 23:24:50,941 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,941 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120408  
2023-11-19 23:24:50,941 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120409  
2023-11-19 23:24:50,941 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,941 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,941 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120409  
2023-11-19 23:24:50,941 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,941 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,941 [Transaction] [INFO] Available credit limit for the  
transaction : -315.53994771739235  
2023-11-19 23:24:50,941 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,941 [Transaction] [INFO] Interest to be added for the days :  
392.5471816730173  
2023-11-19 23:24:50,941 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120410  
2023-11-19 23:24:50,941 [Transaction] [INFO] Available credit limit for the  
transaction : -315.53994771739235  
2023-11-19 23:24:50,941 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,941 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120409  
2023-11-19 23:24:50,941 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120410  
2023-11-19 23:24:50,941 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,941 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:50,941 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120410  
2023-11-19 23:24:50,941 [Transaction] [INFO] Type of the transaction :



TransactionType.PURCHASE  
2023-11-19 23:24:50,942 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,942 [Transaction] [INFO] Available credit limit for the  
transaction : -708.0871293904092  
2023-11-19 23:24:50,942 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,942 [Transaction] [INFO] Interest to be added for the days :  
415.757685328428  
2023-11-19 23:24:50,942 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120411  
2023-11-19 23:24:50,942 [Transaction] [INFO] Available credit limit for the  
transaction : -708.0871293904092  
2023-11-19 23:24:50,942 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,942 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120410  
2023-11-19 23:24:50,942 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120411  
2023-11-19 23:24:50,942 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,942 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 4  
2023-11-19 23:24:50,942 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:24:50,942 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:50,942 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,942 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,942 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,942 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,942 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:50,942 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120501  
2023-11-19 23:24:50,942 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,942 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,942 [Transaction] [INFO] Available credit limit for the  
transaction : -1123.8448147188356  
2023-11-19 23:24:50,942 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,942 [Transaction] [INFO] Interest to be added for the days :  
62.30669223670247  
2023-11-19 23:24:50,943 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120502  
2023-11-19 23:24:50,943 [Transaction] [INFO] Available credit limit for the  
transaction : -1123.8448147188356  
2023-11-19 23:24:50,943 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,943 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120501  
2023-11-19 23:24:50,943 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120502  
2023-11-19 23:24:50,943 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,943 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:50,943 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120502

2023-11-19 23:24:50,943 [Transaction] [INFO] Available credit limit for the transaction : -1186.151506955539  
2023-11-19 23:24:50,943 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120502  
2023-11-19 23:24:50,943 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,943 [Transaction] [INFO] Next payment day : 13 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,943 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,943 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120503  
2023-11-19 23:24:50,943 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,943 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,943 [Transaction] [INFO] Available cash advance for the transaction : 1979.382  
2023-11-19 23:24:50,943 [Transaction] [INFO] Random cash amount : 874.9383994245475  
2023-11-19 23:24:50,943 [main] [INFO] Customer has withdrawn cash of 874.9383994245475  
2023-11-19 23:24:50,943 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,943 [Transaction] [INFO] Interest to be added for the days : 7.185598558687763  
2023-11-19 23:24:50,943 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120504  
2023-11-19 23:24:50,943 [Transaction] [INFO] Available credit limit for the transaction : 18918.881600575452  
2023-11-19 23:24:50,943 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,943 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120503  
2023-11-19 23:24:50,943 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120504  
2023-11-19 23:24:50,943 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,943 [main] [INFO] Generating payment transaction for day : 13  
2023-11-19 23:24:50,943 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120504  
2023-11-19 23:24:50,943 [Transaction] [INFO] Available credit limit for the transaction : 18911.696002016764  
2023-11-19 23:24:50,944 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120504  
2023-11-19 23:24:50,944 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,944 [Transaction] [INFO] Next payment day : 20 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,944 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,944 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120505  
2023-11-19 23:24:50,944 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,944 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,944 [Transaction] [INFO] Available credit limit for the transaction : 19793.82  
2023-11-19 23:24:50,944 [Transaction] [INFO] Random purchase amount : 18340.841319897932  
2023-11-19 23:24:50,944 [main] [INFO] Customer purchased an amount of 18340.841319897932

2023-11-19 23:24:50,944 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,944 [Transaction] [INFO] Interest to be added for the days :  
191.9221998945737  
2023-11-19 23:24:50,944 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120506  
2023-11-19 23:24:50,944 [Transaction] [INFO] Available credit limit for the  
transaction : 1452.9786801020673  
2023-11-19 23:24:50,944 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,944 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120505  
2023-11-19 23:24:50,944 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120506  
2023-11-19 23:24:50,944 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,944 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,944 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120506  
2023-11-19 23:24:50,944 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,944 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,944 [Transaction] [INFO] Available credit limit for the  
transaction : 1261.056480207495  
2023-11-19 23:24:50,944 [Transaction] [INFO] Random purchase amount :  
843.4189911747671  
2023-11-19 23:24:50,944 [main] [INFO] Customer purchased an amount of  
843.4189911747671  
2023-11-19 23:24:50,944 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,944 [Transaction] [INFO] Interest to be added for the days :  
261.07529260624096  
2023-11-19 23:24:50,944 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120507  
2023-11-19 23:24:50,944 [Transaction] [INFO] Available credit limit for the  
transaction : 417.6374890327279  
2023-11-19 23:24:50,944 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,944 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120506  
2023-11-19 23:24:50,944 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120507  
2023-11-19 23:24:50,945 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,945 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:24:50,945 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120507  
2023-11-19 23:24:50,945 [Transaction] [INFO] Available credit limit for the  
transaction : 156.56219642648648  
2023-11-19 23:24:50,945 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120507  
2023-11-19 23:24:50,945 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,945 [Transaction] [INFO] Next payment day : 25 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,945 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:50,945 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120508  
2023-11-19 23:24:50,945 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:24:50,945 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,945 [Transaction] [INFO] Available credit limit for the  
transaction : 19793.82  
2023-11-19 23:24:50,946 [Transaction] [INFO] Random purchase amount :  
4158.869736421431  
2023-11-19 23:24:50,946 [main] [INFO] Customer purchased an amount of  
4158.869736421431  
2023-11-19 23:24:50,946 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,946 [Transaction] [INFO] Interest to be added for the days :  
74.88294277764626  
2023-11-19 23:24:50,946 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120509  
2023-11-19 23:24:50,946 [Transaction] [INFO] Available credit limit for the  
transaction : 15634.950263578568  
2023-11-19 23:24:50,946 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,946 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120508  
2023-11-19 23:24:50,946 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120509  
2023-11-19 23:24:50,946 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,946 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,946 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120509  
2023-11-19 23:24:50,946 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,946 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,946 [Transaction] [INFO] Available credit limit for the  
transaction : 15560.067320800921  
2023-11-19 23:24:50,946 [Transaction] [INFO] Random purchase amount :  
6255.090360662051  
2023-11-19 23:24:50,946 [main] [INFO] Customer purchased an amount of  
6255.090360662051  
2023-11-19 23:24:50,946 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,946 [Transaction] [INFO] Interest to be added for the days :  
196.80036108582775  
2023-11-19 23:24:50,946 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120510  
2023-11-19 23:24:50,947 [Transaction] [INFO] Available credit limit for the  
transaction : 9304.97696013887  
2023-11-19 23:24:50,947 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,947 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120509  
2023-11-19 23:24:50,947 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120510  
2023-11-19 23:24:50,947 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,947 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 5  
2023-11-19 23:24:50,947 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:24:50,947 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:50,947 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,947 [Transaction] [INFO] Random generated number from 1 to 7 :  
2

2023-11-19 23:24:50,947 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,947 [Transaction] [INFO] Next payment day : 3 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,947 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:50,947 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120601  
2023-11-19 23:24:50,947 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,947 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,947 [Transaction] [INFO] Available credit limit for the  
transaction : 9108.176599053042  
2023-11-19 23:24:50,947 [Transaction] [INFO] Random purchase amount :  
5716.7449862624335  
2023-11-19 23:24:50,948 [main] [INFO] Customer purchased an amount of  
5716.7449862624335  
2023-11-19 23:24:50,948 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,948 [Transaction] [INFO] Interest to be added for the days :  
24.410436654956335  
2023-11-19 23:24:50,948 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120602  
2023-11-19 23:24:50,948 [Transaction] [INFO] Available credit limit for the  
transaction : 3391.4316127906095  
2023-11-19 23:24:50,948 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,948 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120601  
2023-11-19 23:24:50,948 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120602  
2023-11-19 23:24:50,948 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,948 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:50,948 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120602  
2023-11-19 23:24:50,948 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,948 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,948 [Transaction] [INFO] Available credit limit for the  
transaction : 3367.021176135655  
2023-11-19 23:24:50,948 [Transaction] [INFO] Random purchase amount :  
2474.2581741116646  
2023-11-19 23:24:50,948 [main] [INFO] Customer purchased an amount of  
2474.2581741116646  
2023-11-19 23:24:50,948 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,948 [Transaction] [INFO] Interest to be added for the days :  
42.209219307403174  
2023-11-19 23:24:50,948 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120603  
2023-11-19 23:24:50,948 [Transaction] [INFO] Available credit limit for the  
transaction : 892.7630020239885  
2023-11-19 23:24:50,948 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,948 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120602  
2023-11-19 23:24:50,948 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120603  
2023-11-19 23:24:50,948 [Transaction] [INFO] Random generated number from 1 to 7 :

5

2023-11-19 23:24:50,948 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:24:50,949 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120603  
2023-11-19 23:24:50,949 [Transaction] [INFO] Available credit limit for the  
transaction : 850.5537827165863  
2023-11-19 23:24:50,949 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120603  
2023-11-19 23:24:50,949 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,949 [Transaction] [INFO] Next payment day : 8 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,949 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:50,949 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120604  
2023-11-19 23:24:50,949 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,949 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,949 [Transaction] [INFO] Available credit limit for the  
transaction : 19793.82  
2023-11-19 23:24:50,949 [Transaction] [INFO] Random purchase amount :  
4879.45762070343  
2023-11-19 23:24:50,949 [main] [INFO] Customer purchased an amount of  
4879.45762070343  
2023-11-19 23:24:50,949 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,949 [Transaction] [INFO] Interest to be added for the days :  
29.111820837694452  
2023-11-19 23:24:50,949 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120605  
2023-11-19 23:24:50,949 [Transaction] [INFO] Available credit limit for the  
transaction : 14914.36237929657  
2023-11-19 23:24:50,949 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,949 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120604  
2023-11-19 23:24:50,949 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120605  
2023-11-19 23:24:50,949 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,949 [main] [INFO] Generating payment transaction for day : 8  
2023-11-19 23:24:50,949 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120605  
2023-11-19 23:24:50,949 [Transaction] [INFO] Available credit limit for the  
transaction : 14885.250558458876  
2023-11-19 23:24:50,949 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120605  
2023-11-19 23:24:50,949 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,949 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,949 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,949 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120606  
2023-11-19 23:24:50,949 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [Transaction] [INFO] Available credit limit for the

transaction : 19793.82  
2023-11-19 23:24:50,950 [Transaction] [INFO] Random purchase amount :  
3594.6024879991455  
2023-11-19 23:24:50,950 [main] [INFO] Customer purchased an amount of  
3594.6024879991455  
2023-11-19 23:24:50,950 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,950 [Transaction] [INFO] Interest to be added for the days :  
37.61463311363207  
2023-11-19 23:24:50,950 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120607  
2023-11-19 23:24:50,950 [Transaction] [INFO] Available credit limit for the  
transaction : 16199.217512000854  
2023-11-19 23:24:50,950 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,950 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120606  
2023-11-19 23:24:50,950 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120607  
2023-11-19 23:24:50,950 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,950 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,950 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120607  
2023-11-19 23:24:50,950 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [Transaction] [INFO] Available credit limit for the  
transaction : 16161.602878887223  
2023-11-19 23:24:50,950 [Transaction] [INFO] Random purchase amount :  
14803.43677811848  
2023-11-19 23:24:50,950 [main] [INFO] Customer purchased an amount of  
14803.43677811848  
2023-11-19 23:24:50,950 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,950 [Transaction] [INFO] Interest to be added for the days :  
206.7709300603588  
2023-11-19 23:24:50,950 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120608  
2023-11-19 23:24:50,950 [Transaction] [INFO] Available credit limit for the  
transaction : 1358.1661007687435  
2023-11-19 23:24:50,950 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,950 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120607  
2023-11-19 23:24:50,950 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120608  
2023-11-19 23:24:50,950 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,950 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:50,950 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120608  
2023-11-19 23:24:50,950 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,950 [Transaction] [INFO] Available credit limit for the  
transaction : 1151.3951707083834  
2023-11-19 23:24:50,951 [Transaction] [INFO] Random purchase amount :  
718.3007811045807

2023-11-19 23:24:50,951 [main] [INFO] Customer purchased an amount of  
718.3007811045807  
2023-11-19 23:24:50,951 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,951 [Transaction] [INFO] Interest to be added for the days :  
290.0683612088661  
2023-11-19 23:24:50,951 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120609  
2023-11-19 23:24:50,951 [Transaction] [INFO] Available credit limit for the  
transaction : 433.0943896038043  
2023-11-19 23:24:50,951 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,951 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120608  
2023-11-19 23:24:50,951 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120609  
2023-11-19 23:24:50,951 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,951 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,951 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120609  
2023-11-19 23:24:50,951 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,951 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,951 [Transaction] [INFO] Available credit limit for the  
transaction : 143.0260283949392  
2023-11-19 23:24:50,951 [Transaction] [INFO] Random purchase amount :  
105.71187992354213  
2023-11-19 23:24:50,951 [main] [INFO] Customer purchased an amount of  
105.71187992354213  
2023-11-19 23:24:50,951 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,951 [Transaction] [INFO] Interest to be added for the days :  
325.8406909241213  
2023-11-19 23:24:50,951 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120610  
2023-11-19 23:24:50,951 [Transaction] [INFO] Available credit limit for the  
transaction : 37.31414847139604  
2023-11-19 23:24:50,951 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,951 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120609  
2023-11-19 23:24:50,951 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120610  
2023-11-19 23:24:50,951 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,951 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,951 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120610  
2023-11-19 23:24:50,951 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,951 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,951 [Transaction] [INFO] Available credit limit for the  
transaction : -288.52654245272424  
2023-11-19 23:24:50,951 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,951 [Transaction] [INFO] Interest to be added for the days :  
392.019863243609  
2023-11-19 23:24:50,952 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120611



2023-11-19 23:24:50,952 [Transaction] [INFO] Available credit limit for the transaction : -288.52654245272424  
2023-11-19 23:24:50,952 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,952 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120610  
2023-11-19 23:24:50,952 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120611  
2023-11-19 23:24:50,952 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,952 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 6  
2023-11-19 23:24:50,952 [main] [INFO] Generating account activity for month : 7  
2023-11-19 23:24:50,952 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,952 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,952 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,952 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,952 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,952 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:50,952 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120701  
2023-11-19 23:24:50,952 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,952 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,952 [Transaction] [INFO] Available credit limit for the transaction : -680.5464056963319  
2023-11-19 23:24:50,952 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,952 [Transaction] [INFO] Interest to be added for the days : 15.229562956567339  
2023-11-19 23:24:50,952 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120702  
2023-11-19 23:24:50,952 [Transaction] [INFO] Available credit limit for the transaction : -680.5464056963319  
2023-11-19 23:24:50,952 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,952 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120701  
2023-11-19 23:24:50,952 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120702  
2023-11-19 23:24:50,952 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,952 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,952 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120702  
2023-11-19 23:24:50,952 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,952 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : -695.7759686528989  
2023-11-19 23:24:50,953 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,953 [Transaction] [INFO] Interest to be added for the days : 76.3179077748607  
2023-11-19 23:24:50,953 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120703  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : -695.7759686528989  
2023-11-19 23:24:50,953 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,953 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120702  
2023-11-19 23:24:50,953 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120703  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,953 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,953 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120703  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : -772.0938764277598  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random portion from 0 to 1 : 0.5128665600137817  
2023-11-19 23:24:50,953 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120703  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,953 [Transaction] [INFO] Next payment day : 9 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,953 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:24:50,953 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120704  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : 9775.475626915444  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random portion from 0 to 1 : 0.7144069516904923  
2023-11-19 23:24:50,953 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120704  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,953 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,953 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,953 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120705  
2023-11-19 23:24:50,953 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,953 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : 16932.65049147638  
2023-11-19 23:24:50,953 [Transaction] [INFO] Random purchase amount : 15287.54940825043  
2023-11-19 23:24:50,953 [main] [INFO] Customer purchased an amount of 15287.54940825043  
2023-11-19 23:24:50,953 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,953 [Transaction] [INFO] Interest to be added for the days : 135.44940158203457  
2023-11-19 23:24:50,953 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120706  
2023-11-19 23:24:50,953 [Transaction] [INFO] Available credit limit for the transaction : 1645.101083225949  
2023-11-19 23:24:50,953 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,954 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120705  
2023-11-19 23:24:50,954 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120706  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,954 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:50,954 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120706  
2023-11-19 23:24:50,954 [Transaction] [INFO] Available credit limit for the transaction : 1509.6516816439143  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random portion from 0 to 1 : 0.9687136465498846  
2023-11-19 23:24:50,954 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120706  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,954 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,954 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,954 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120707  
2023-11-19 23:24:50,954 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,954 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,954 [Transaction] [INFO] Available credit limit for the transaction : 19221.77504745051  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random purchase amount : 15756.864307334976  
2023-11-19 23:24:50,954 [main] [INFO] Customer purchased an amount of 15756.864307334976  
2023-11-19 23:24:50,954 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,954 [Transaction] [INFO] Interest to be added for the days : 134.10428313574963  
2023-11-19 23:24:50,954 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120708  
2023-11-19 23:24:50,954 [Transaction] [INFO] Available credit limit for the transaction : 3464.9107401155325  
2023-11-19 23:24:50,954 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,954 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120707  
2023-11-19 23:24:50,954 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120708  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,954 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,954 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120708  
2023-11-19 23:24:50,954 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,954 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,954 [Transaction] [INFO] Available credit limit for the transaction : 3330.8064569797825  
2023-11-19 23:24:50,954 [Transaction] [INFO] Random purchase amount : 3017.317239944922  
2023-11-19 23:24:50,955 [main] [INFO] Customer purchased an amount of

3017.317239944922

2023-11-19 23:24:50,955 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,955 [Transaction] [INFO] Interest to be added for the days :

203.84604355551227

2023-11-19 23:24:50,955 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120709

2023-11-19 23:24:50,955 [Transaction] [INFO] Available credit limit for the transaction : 313.4892170348612

2023-11-19 23:24:50,955 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,955 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120708

2023-11-19 23:24:50,955 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120709

2023-11-19 23:24:50,955 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,955 [main] [INFO] Generating transaction for day : 16

2023-11-19 23:24:50,955 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120709

2023-11-19 23:24:50,955 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,955 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,955 [Transaction] [INFO] Available credit limit for the transaction : 109.64317347934775

2023-11-19 23:24:50,955 [Transaction] [INFO] Random purchase amount : 104.2353963010133

2023-11-19 23:24:50,955 [main] [INFO] Customer purchased an amount of 104.2353963010133

2023-11-19 23:24:50,955 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,955 [Transaction] [INFO] Interest to be added for the days :

236.82763564754956

2023-11-19 23:24:50,955 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120710

2023-11-19 23:24:50,955 [Transaction] [INFO] Available credit limit for the transaction : 5.407777178334072

2023-11-19 23:24:50,955 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,955 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120709

2023-11-19 23:24:50,955 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120710

2023-11-19 23:24:50,955 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:50,955 [main] [INFO] Generating payment transaction for day : 17

2023-11-19 23:24:50,956 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120710

2023-11-19 23:24:50,956 [Transaction] [INFO] Available credit limit for the transaction : -231.4198584692167

2023-11-19 23:24:50,956 [Transaction] [INFO] Random portion from 0 to 1 : 0.3090971238108673

2023-11-19 23:24:50,956 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120710

2023-11-19 23:24:50,956 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,956 [Transaction] [INFO] Next payment day : 19 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,956 [main] [INFO] Generating transaction for day : 19

2023-11-19 23:24:50,956 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120711  
2023-11-19 23:24:50,956 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,956 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,956 [Transaction] [INFO] Available credit limit for the  
transaction : 5958.324185406356  
2023-11-19 23:24:50,956 [Transaction] [INFO] Random purchase amount :  
4967.031822882646  
2023-11-19 23:24:50,956 [main] [INFO] Customer purchased an amount of  
4967.031822882646  
2023-11-19 23:24:50,956 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,956 [Transaction] [INFO] Interest to be added for the days :  
267.5202861986659  
2023-11-19 23:24:50,956 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120712  
2023-11-19 23:24:50,956 [Transaction] [INFO] Available credit limit for the  
transaction : 991.292362523709  
2023-11-19 23:24:50,956 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,956 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120711  
2023-11-19 23:24:50,956 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120712  
2023-11-19 23:24:50,956 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,956 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:24:50,956 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120712  
2023-11-19 23:24:50,956 [Transaction] [INFO] Available credit limit for the  
transaction : 723.7720763250436  
2023-11-19 23:24:50,956 [Transaction] [INFO] Random portion from 0 to 1 :  
0.15923310643985678  
2023-11-19 23:24:50,956 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120712  
2023-11-19 23:24:50,956 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,956 [Transaction] [INFO] Next payment day : 22 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,956 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,956 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120713  
2023-11-19 23:24:50,956 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,957 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,957 [Transaction] [INFO] Available credit limit for the  
transaction : 3760.3550471687486  
2023-11-19 23:24:50,957 [Transaction] [INFO] Random purchase amount :  
2280.4417468639294  
2023-11-19 23:24:50,957 [main] [INFO] Customer purchased an amount of  
2280.4417468639294  
2023-11-19 23:24:50,957 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,957 [Transaction] [INFO] Interest to be added for the days :  
302.04814846279413  
2023-11-19 23:24:50,957 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120714  
2023-11-19 23:24:50,957 [Transaction] [INFO] Available credit limit for the  
transaction : 1479.9133003048191

2023-11-19 23:24:50,957 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,957 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120713

2023-11-19 23:24:50,957 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120714

2023-11-19 23:24:50,957 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,957 [main] [INFO] Generating payment transaction for day : 22

2023-11-19 23:24:50,957 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120714

2023-11-19 23:24:50,957 [Transaction] [INFO] Available credit limit for the transaction : 1177.8651518420265

2023-11-19 23:24:50,957 [Transaction] [INFO] Random portion from 0 to 1 : 0.681671010429315

2023-11-19 23:24:50,957 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120714

2023-11-19 23:24:50,957 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:50,957 [Transaction] [INFO] Next payment day : 26 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,957 [main] [INFO] Generating transaction for day : 24

2023-11-19 23:24:50,957 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120715

2023-11-19 23:24:50,957 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,957 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,957 [Transaction] [INFO] Available credit limit for the transaction : 13867.821903292377

2023-11-19 23:24:50,957 [Transaction] [INFO] Random purchase amount : 5490.977000762571

2023-11-19 23:24:50,957 [main] [INFO] Customer purchased an amount of 5490.977000762571

2023-11-19 23:24:50,957 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,957 [Transaction] [INFO] Interest to be added for the days : 205.5694809170237

2023-11-19 23:24:50,957 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120716

2023-11-19 23:24:50,957 [Transaction] [INFO] Available credit limit for the transaction : 8376.844902529807

2023-11-19 23:24:50,957 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,957 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120715

2023-11-19 23:24:50,957 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120716

2023-11-19 23:24:50,957 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,957 [main] [INFO] Generating payment transaction for day : 26

2023-11-19 23:24:50,957 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120716

2023-11-19 23:24:50,958 [Transaction] [INFO] Available credit limit for the transaction : 8171.275421612783

2023-11-19 23:24:50,958 [Transaction] [INFO] Random portion from 0 to 1 : 0.6023941071172412

2023-11-19 23:24:50,958 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120716

2023-11-19 23:24:50,958 [Transaction] [INFO] Random generated number from 1 to 7 :

6

2023-11-19 23:24:50,958 [Transaction] [INFO] Next payment day : 32 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,958 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,958 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120717  
2023-11-19 23:24:50,958 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,958 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,958 [Transaction] [INFO] Available credit limit for the transaction : 15172.627785340683  
2023-11-19 23:24:50,958 [Transaction] [INFO] Random purchase amount : 2527.3823856537606  
2023-11-19 23:24:50,958 [main] [INFO] Customer purchased an amount of 2527.3823856537606  
2023-11-19 23:24:50,958 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,958 [Transaction] [INFO] Interest to be added for the days : 166.69077882405855  
2023-11-19 23:24:50,958 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120718  
2023-11-19 23:24:50,958 [Transaction] [INFO] Available credit limit for the transaction : 12645.245399686923  
2023-11-19 23:24:50,958 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,958 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120717  
2023-11-19 23:24:50,958 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120718  
2023-11-19 23:24:50,958 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,958 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 7  
2023-11-19 23:24:50,958 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:24:50,958 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,958 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,958 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,958 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,958 [Transaction] [INFO] Next payment day : 7 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,958 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:50,958 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120801  
2023-11-19 23:24:50,958 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,958 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,958 [Transaction] [INFO] Available credit limit for the transaction : 12478.554620862864  
2023-11-19 23:24:50,958 [Transaction] [INFO] Random purchase amount : 775.3889888752091  
2023-11-19 23:24:50,958 [main] [INFO] Customer purchased an amount of 775.3889888752091  
2023-11-19 23:24:50,958 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,959 [Transaction] [INFO] Interest to be added for the days : 24.099339776520534

2023-11-19 23:24:50,959 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120802  
2023-11-19 23:24:50,959 [Transaction] [INFO] Available credit limit for the transaction : 11703.165631987655  
2023-11-19 23:24:50,959 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,959 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120801  
2023-11-19 23:24:50,959 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120802  
2023-11-19 23:24:50,959 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,959 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:50,959 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120802  
2023-11-19 23:24:50,959 [Transaction] [INFO] Available credit limit for the transaction : 11679.066292211133  
2023-11-19 23:24:50,959 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120802  
2023-11-19 23:24:50,959 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,959 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,959 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,959 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120803  
2023-11-19 23:24:50,959 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,959 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,959 [Transaction] [INFO] Available cash advance for the transaction : 1979.382  
2023-11-19 23:24:50,959 [Transaction] [INFO] Random cash amount : 270.93247051874533  
2023-11-19 23:24:50,959 [main] [INFO] Customer has withdrawn cash of 270.93247051874533  
2023-11-19 23:24:50,959 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,959 [Transaction] [INFO] Interest to be added for the days : 2.0220513177372696  
2023-11-19 23:24:50,959 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120804  
2023-11-19 23:24:50,959 [Transaction] [INFO] Available credit limit for the transaction : 19522.887529481253  
2023-11-19 23:24:50,959 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,959 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120803  
2023-11-19 23:24:50,959 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120804  
2023-11-19 23:24:50,959 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:50,959 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:50,959 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120804  
2023-11-19 23:24:50,959 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,959 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,959 [Transaction] [INFO] Available credit limit for the



transaction : 19520.865478163516  
2023-11-19 23:24:50,959 [Transaction] [INFO] Random purchase amount :  
19206.444461121733  
2023-11-19 23:24:50,959 [main] [INFO] Customer purchased an amount of  
19206.444461121733  
2023-11-19 23:24:50,960 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,960 [Transaction] [INFO] Interest to be added for the days :  
189.20608404100005  
2023-11-19 23:24:50,960 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120805  
2023-11-19 23:24:50,960 [Transaction] [INFO] Available credit limit for the  
transaction : 314.42101704178276  
2023-11-19 23:24:50,960 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,960 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120804  
2023-11-19 23:24:50,960 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120805  
2023-11-19 23:24:50,960 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,960 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:50,960 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120805  
2023-11-19 23:24:50,960 [Transaction] [INFO] Available credit limit for the  
transaction : 125.21493300078146  
2023-11-19 23:24:50,960 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120805  
2023-11-19 23:24:50,961 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,961 [Transaction] [INFO] Next payment day : 18 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,961 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,961 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120806  
2023-11-19 23:24:50,961 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,961 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,961 [Transaction] [INFO] Available credit limit for the  
transaction : 19793.82  
2023-11-19 23:24:50,961 [Transaction] [INFO] Random purchase amount :  
3102.114895291746  
2023-11-19 23:24:50,961 [main] [INFO] Customer purchased an amount of  
3102.114895291746  
2023-11-19 23:24:50,961 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,961 [Transaction] [INFO] Interest to be added for the days :  
44.13654805407749  
2023-11-19 23:24:50,961 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120807  
2023-11-19 23:24:50,961 [Transaction] [INFO] Available credit limit for the  
transaction : 16691.705104708253  
2023-11-19 23:24:50,961 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,961 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120806  
2023-11-19 23:24:50,961 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120807  
2023-11-19 23:24:50,961 [Transaction] [INFO] Random generated number from 1 to 7 :  
6

2023-11-19 23:24:50,961 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,961 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120807  
2023-11-19 23:24:50,961 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,961 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,961 [Transaction] [INFO] Available credit limit for the  
transaction : 16647.568556654176  
2023-11-19 23:24:50,961 [Transaction] [INFO] Random purchase amount :  
7695.430566771637  
2023-11-19 23:24:50,961 [main] [INFO] Customer purchased an amount of  
7695.430566771637  
2023-11-19 23:24:50,961 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,962 [Transaction] [INFO] Interest to be added for the days :  
203.42061810442422  
2023-11-19 23:24:50,962 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120808  
2023-11-19 23:24:50,962 [Transaction] [INFO] Available credit limit for the  
transaction : 8952.13798988254  
2023-11-19 23:24:50,962 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,962 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120807  
2023-11-19 23:24:50,962 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120808  
2023-11-19 23:24:50,962 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,962 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 8  
2023-11-19 23:24:50,962 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:24:50,962 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,962 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,962 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,962 [Transaction] [INFO] Random generated number from 1 to 10 :  
1  
2023-11-19 23:24:50,962 [Transaction] [INFO] Next payment day : 1 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,962 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:50,962 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120901  
2023-11-19 23:24:50,962 [Transaction] [INFO] Available credit limit for the  
transaction : 8748.717371778115  
2023-11-19 23:24:50,962 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120901  
2023-11-19 23:24:50,962 [Transaction] [INFO] Random generated number from 1 to 10 :  
6  
2023-11-19 23:24:50,962 [Transaction] [INFO] Next payment day : 6 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,962 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:50,962 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120902  
2023-11-19 23:24:50,962 [Transaction] [INFO] Available credit limit for the  
transaction : 9853.227634600304  
2023-11-19 23:24:50,963 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120902  
2023-11-19 23:24:50,963 [Transaction] [INFO] Random generated number from 1 to 10 :

1

2023-11-19 23:24:50,963 [Transaction] [INFO] Next payment day : 1 for given payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:50,963 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,963 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120903  
2023-11-19 23:24:50,963 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,963 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,963 [Transaction] [INFO] Available credit limit for the transaction : 10957.737897422492  
2023-11-19 23:24:50,963 [Transaction] [INFO] Random purchase amount : 5364.031536669677  
2023-11-19 23:24:50,963 [main] [INFO] Customer purchased an amount of 5364.031536669677  
2023-11-19 23:24:50,963 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,963 [Transaction] [INFO] Interest to be added for the days : 74.10304949763979  
2023-11-19 23:24:50,963 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120904  
2023-11-19 23:24:50,963 [Transaction] [INFO] Available credit limit for the transaction : 5593.706360752814  
2023-11-19 23:24:50,963 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,963 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120903  
2023-11-19 23:24:50,963 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120904  
2023-11-19 23:24:50,963 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:50,964 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:50,964 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120904  
2023-11-19 23:24:50,964 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,964 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,964 [Transaction] [INFO] Available credit limit for the transaction : 5519.603311255174  
2023-11-19 23:24:50,964 [Transaction] [INFO] Random purchase amount : 3607.8606393788727  
2023-11-19 23:24:50,964 [main] [INFO] Customer purchased an amount of 3607.8606393788727  
2023-11-19 23:24:50,964 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,964 [Transaction] [INFO] Interest to be added for the days : 173.6910789050853  
2023-11-19 23:24:50,964 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120905  
2023-11-19 23:24:50,964 [Transaction] [INFO] Available credit limit for the transaction : 1911.7426718763018  
2023-11-19 23:24:50,964 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,964 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120904  
2023-11-19 23:24:50,964 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120905  
2023-11-19 23:24:50,964 [Transaction] [INFO] Random generated number from 1 to 7 :

4

2023-11-19 23:24:50,964 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,964 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120905  
2023-11-19 23:24:50,964 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,964 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,964 [Transaction] [INFO] Available credit limit for the  
transaction : 1738.0515929712165  
2023-11-19 23:24:50,964 [Transaction] [INFO] Random purchase amount :  
922.3600928232917  
2023-11-19 23:24:50,964 [main] [INFO] Customer purchased an amount of  
922.3600928232917  
2023-11-19 23:24:50,964 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest to be added for the days :  
241.41571881862396  
2023-11-19 23:24:50,965 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120906  
2023-11-19 23:24:50,965 [Transaction] [INFO] Available credit limit for the  
transaction : 815.6915001479247  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120905  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120906  
2023-11-19 23:24:50,965 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,965 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,965 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120906  
2023-11-19 23:24:50,965 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,965 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,965 [Transaction] [INFO] Available credit limit for the  
transaction : 574.2757813292992  
2023-11-19 23:24:50,965 [Transaction] [INFO] Random purchase amount :  
361.60086562905883  
2023-11-19 23:24:50,965 [main] [INFO] Customer purchased an amount of  
361.60086562905883  
2023-11-19 23:24:50,965 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest to be added for the days :  
278.59836922184  
2023-11-19 23:24:50,965 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120907  
2023-11-19 23:24:50,965 [Transaction] [INFO] Available credit limit for the  
transaction : 212.6749157002414  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120906  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120907  
2023-11-19 23:24:50,965 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,965 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:50,965 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120907

2023-11-19 23:24:50,965 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,965 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,965 [Transaction] [INFO] Available credit limit for the  
transaction : -65.92345352159828  
2023-11-19 23:24:50,965 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest to be added for the days :  
387.67451284862835  
2023-11-19 23:24:50,965 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120908  
2023-11-19 23:24:50,965 [Transaction] [INFO] Available credit limit for the  
transaction : -65.92345352159828  
2023-11-19 23:24:50,965 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120907  
2023-11-19 23:24:50,965 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120908  
2023-11-19 23:24:50,966 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,966 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:50,966 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120908  
2023-11-19 23:24:50,966 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,966 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,966 [Transaction] [INFO] Available credit limit for the  
transaction : -453.59796637022737  
2023-11-19 23:24:50,966 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,966 [Transaction] [INFO] Interest to be added for the days :  
456.729705553893  
2023-11-19 23:24:50,966 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120909  
2023-11-19 23:24:50,966 [Transaction] [INFO] Available credit limit for the  
transaction : -453.59796637022737  
2023-11-19 23:24:50,966 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,966 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120908  
2023-11-19 23:24:50,966 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120909  
2023-11-19 23:24:50,966 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,966 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 9  
2023-11-19 23:24:50,966 [main] [INFO] Generating account activity for month : 10  
2023-11-19 23:24:50,966 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,966 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,966 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,966 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,966 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,966 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121001  
2023-11-19 23:24:50,966 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:50,966 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,966 [Transaction] [INFO] Available credit limit for the  
transaction : -910.3276719256173  
2023-11-19 23:24:50,966 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,966 [Transaction] [INFO] Interest to be added for the days :  
108.04423955444379  
2023-11-19 23:24:50,966 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121002  
2023-11-19 23:24:50,966 [Transaction] [INFO] Available credit limit for the  
transaction : -910.3276719256173  
2023-11-19 23:24:50,966 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,966 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121001  
2023-11-19 23:24:50,966 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121002  
2023-11-19 23:24:50,967 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,967 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121002  
2023-11-19 23:24:50,967 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [Transaction] [INFO] Available credit limit for the  
transaction : -1018.3719114800624  
2023-11-19 23:24:50,967 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,967 [Transaction] [INFO] Interest to be added for the days :  
155.32770951755498  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121003  
2023-11-19 23:24:50,967 [Transaction] [INFO] Available credit limit for the  
transaction : -1018.3719114800624  
2023-11-19 23:24:50,967 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,967 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121002  
2023-11-19 23:24:50,967 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121003  
2023-11-19 23:24:50,967 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,967 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121003  
2023-11-19 23:24:50,967 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [Transaction] [INFO] Available credit limit for the  
transaction : -1173.6996209976169  
2023-11-19 23:24:50,967 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,967 [Transaction] [INFO] Interest to be added for the days :  
250.93918811270868  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121004  
2023-11-19 23:24:50,967 [Transaction] [INFO] Available credit limit for the

transaction : -1173.6996209976169  
2023-11-19 23:24:50,967 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,967 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121003  
2023-11-19 23:24:50,967 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121004  
2023-11-19 23:24:50,967 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,967 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121004  
2023-11-19 23:24:50,967 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,967 [Transaction] [INFO] Available credit limit for the transaction : -1424.6388091103254  
2023-11-19 23:24:50,967 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,967 [Transaction] [INFO] Interest to be added for the days : 285.898181393906  
2023-11-19 23:24:50,967 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121005  
2023-11-19 23:24:50,968 [Transaction] [INFO] Available credit limit for the transaction : -1424.6388091103254  
2023-11-19 23:24:50,968 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121004  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121005  
2023-11-19 23:24:50,968 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,968 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,968 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121005  
2023-11-19 23:24:50,968 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,968 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,968 [Transaction] [INFO] Available credit limit for the transaction : -1710.5369905042317  
2023-11-19 23:24:50,968 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,968 [Transaction] [INFO] Interest to be added for the days : 370.9272236009526  
2023-11-19 23:24:50,968 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121006  
2023-11-19 23:24:50,968 [Transaction] [INFO] Available credit limit for the transaction : -1710.5369905042317  
2023-11-19 23:24:50,968 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121005  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121006  
2023-11-19 23:24:50,968 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,968 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:50,968 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000121006  
2023-11-19 23:24:50,968 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,968 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,968 [Transaction] [INFO] Available credit limit for the  
transaction : -2081.4642141051845  
2023-11-19 23:24:50,968 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,968 [Transaction] [INFO] Interest to be added for the days :  
443.6083664489944  
2023-11-19 23:24:50,968 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121007  
2023-11-19 23:24:50,968 [Transaction] [INFO] Available credit limit for the  
transaction : -2081.4642141051845  
2023-11-19 23:24:50,968 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121006  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121007  
2023-11-19 23:24:50,968 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,968 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 10  
2023-11-19 23:24:50,968 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:24:50,968 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,968 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,969 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,969 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,969 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:50,969 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121101  
2023-11-19 23:24:50,969 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [Transaction] [INFO] Available credit limit for the  
transaction : -2525.0725805541806  
2023-11-19 23:24:50,969 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,969 [Transaction] [INFO] Interest to be added for the days :  
16.601587220879537  
2023-11-19 23:24:50,969 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121102  
2023-11-19 23:24:50,969 [Transaction] [INFO] Available credit limit for the  
transaction : -2525.0725805541806  
2023-11-19 23:24:50,969 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,969 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121101  
2023-11-19 23:24:50,969 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121102  
2023-11-19 23:24:50,969 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,969 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,969 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121102



2023-11-19 23:24:50,969 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [Transaction] [INFO] Available credit limit for the  
transaction : -2541.6741677750615  
2023-11-19 23:24:50,969 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,969 [Transaction] [INFO] Interest to be added for the days :  
116.55739326580672  
2023-11-19 23:24:50,969 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121103  
2023-11-19 23:24:50,969 [Transaction] [INFO] Available credit limit for the  
transaction : -2541.6741677750615  
2023-11-19 23:24:50,969 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,969 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121102  
2023-11-19 23:24:50,969 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121103  
2023-11-19 23:24:50,969 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,969 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,969 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121103  
2023-11-19 23:24:50,969 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,969 [Transaction] [INFO] Available credit limit for the  
transaction : -2658.2315610408696  
2023-11-19 23:24:50,969 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,969 [Transaction] [INFO] Interest to be added for the days :  
184.3917576856923  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121104  
2023-11-19 23:24:50,970 [Transaction] [INFO] Available credit limit for the  
transaction : -2658.2315610408696  
2023-11-19 23:24:50,970 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121103  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121104  
2023-11-19 23:24:50,970 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,970 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121104  
2023-11-19 23:24:50,970 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,970 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,970 [Transaction] [INFO] Available credit limit for the  
transaction : -2842.6233187265607  
2023-11-19 23:24:50,970 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,970 [Transaction] [INFO] Interest to be added for the days :  
287.9521674294705  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121105

2023-11-19 23:24:50,970 [Transaction] [INFO] Available credit limit for the transaction : -2842.6233187265607  
2023-11-19 23:24:50,970 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121104  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121105  
2023-11-19 23:24:50,970 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,970 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121105  
2023-11-19 23:24:50,970 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,970 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,970 [Transaction] [INFO] Available credit limit for the transaction : -3130.575486156031  
2023-11-19 23:24:50,970 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,970 [Transaction] [INFO] Interest to be added for the days : 326.1657666262052  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121106  
2023-11-19 23:24:50,970 [Transaction] [INFO] Available credit limit for the transaction : -3130.575486156031  
2023-11-19 23:24:50,970 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121105  
2023-11-19 23:24:50,970 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121106  
2023-11-19 23:24:50,970 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,970 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,970 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121106  
2023-11-19 23:24:50,970 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,970 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,971 [Transaction] [INFO] Available credit limit for the transaction : -3456.7412527822344  
2023-11-19 23:24:50,971 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,971 [Transaction] [INFO] Interest to be added for the days : 401.04738479121477  
2023-11-19 23:24:50,971 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121107  
2023-11-19 23:24:50,971 [Transaction] [INFO] Available credit limit for the transaction : -3456.7412527822344  
2023-11-19 23:24:50,971 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,971 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121106  
2023-11-19 23:24:50,971 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121107  
2023-11-19 23:24:50,971 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,971 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:24:50,971 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121107  
2023-11-19 23:24:50,971 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,971 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,971 [Transaction] [INFO] Available credit limit for the transaction : -3857.788637573449  
2023-11-19 23:24:50,971 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,971 [Transaction] [INFO] Interest to be added for the days : 479.63040703441965  
2023-11-19 23:24:50,971 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121108  
2023-11-19 23:24:50,971 [Transaction] [INFO] Available credit limit for the transaction : -3857.788637573449  
2023-11-19 23:24:50,971 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,971 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121107  
2023-11-19 23:24:50,971 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121108  
2023-11-19 23:24:50,971 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,971 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 11  
2023-11-19 23:24:50,971 [main] [INFO] Generating account activity for month : 12  
2023-11-19 23:24:50,971 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,971 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,971 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,971 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,971 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:50,971 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121201  
2023-11-19 23:24:50,971 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,971 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,971 [Transaction] [INFO] Available credit limit for the transaction : -4337.419044607868  
2023-11-19 23:24:50,971 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,971 [Transaction] [INFO] Interest to be added for the days : 71.87884965938969  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121202  
2023-11-19 23:24:50,972 [Transaction] [INFO] Available credit limit for the transaction : -4337.419044607868  
2023-11-19 23:24:50,972 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121201  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121202  
2023-11-19 23:24:50,972 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,972 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000121202  
2023-11-19 23:24:50,972 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,972 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,972 [Transaction] [INFO] Available credit limit for the  
transaction : -4409.297894267256  
2023-11-19 23:24:50,972 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,972 [Transaction] [INFO] Interest to be added for the days :  
162.51119731700518  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121203  
2023-11-19 23:24:50,972 [Transaction] [INFO] Available credit limit for the  
transaction : -4409.297894267256  
2023-11-19 23:24:50,972 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121202  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121203  
2023-11-19 23:24:50,972 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,972 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121203  
2023-11-19 23:24:50,972 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,972 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,972 [Transaction] [INFO] Available credit limit for the  
transaction : -4571.809091584262  
2023-11-19 23:24:50,972 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,972 [Transaction] [INFO] Interest to be added for the days :  
181.84809047731582  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121204  
2023-11-19 23:24:50,972 [Transaction] [INFO] Available credit limit for the  
transaction : -4571.809091584262  
2023-11-19 23:24:50,972 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121203  
2023-11-19 23:24:50,972 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121204  
2023-11-19 23:24:50,972 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,972 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:50,972 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121204  
2023-11-19 23:24:50,973 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the  
transaction : -4753.657182061579  
2023-11-19 23:24:50,973 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest to be added for the days :  
238.43302530878896  
2023-11-19 23:24:50,973 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000121205  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the transaction : -4753.657182061579  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,973 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121204  
2023-11-19 23:24:50,973 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121205  
2023-11-19 23:24:50,973 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,973 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:50,973 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121205  
2023-11-19 23:24:50,973 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the transaction : -4992.090207370369  
2023-11-19 23:24:50,973 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest to be added for the days : 259.364678556325  
2023-11-19 23:24:50,973 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121206  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the transaction : -4992.090207370369  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,973 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121205  
2023-11-19 23:24:50,973 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121206  
2023-11-19 23:24:50,973 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,973 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,973 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121206  
2023-11-19 23:24:50,973 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the transaction : -5251.454885926694  
2023-11-19 23:24:50,973 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest to be added for the days : 394.1447127627201  
2023-11-19 23:24:50,973 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121207  
2023-11-19 23:24:50,973 [Transaction] [INFO] Available credit limit for the transaction : -5251.454885926694  
2023-11-19 23:24:50,973 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,973 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121206  
2023-11-19 23:24:50,974 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121207  
2023-11-19 23:24:50,974 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:50,974 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121207  
2023-11-19 23:24:50,974 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [Transaction] [INFO] Available credit limit for the  
transaction : -5645.599598689416  
2023-11-19 23:24:50,974 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,974 [Transaction] [INFO] Interest to be added for the days :  
438.80285683167807  
2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121208  
2023-11-19 23:24:50,974 [Transaction] [INFO] Available credit limit for the  
transaction : -5645.599598689416  
2023-11-19 23:24:50,974 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,974 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121207  
2023-11-19 23:24:50,974 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121208  
2023-11-19 23:24:50,974 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,974 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121208  
2023-11-19 23:24:50,974 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [Transaction] [INFO] Available credit limit for the  
transaction : -6084.402455521093  
2023-11-19 23:24:50,974 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,974 [Transaction] [INFO] Interest to be added for the days :  
583.7461814656201  
2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121209  
2023-11-19 23:24:50,974 [Transaction] [INFO] Available credit limit for the  
transaction : -6084.402455521093  
2023-11-19 23:24:50,974 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,974 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121208  
2023-11-19 23:24:50,974 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121209  
2023-11-19 23:24:50,974 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,974 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121209  
2023-11-19 23:24:50,974 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,974 [Transaction] [INFO] Available credit limit for the  
transaction : -6668.1486369867125  
2023-11-19 23:24:50,974 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,974 [Transaction] [INFO] Interest to be added for the days :

617.0413555065851

2023-11-19 23:24:50,974 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121210  
2023-11-19 23:24:50,975 [Transaction] [INFO] Available credit limit for the transaction : -6668.1486369867125  
2023-11-19 23:24:50,975 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121209  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121210  
2023-11-19 23:24:50,975 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 12  
2023-11-19 23:24:50,975 [main] [INFO] Generating account activity for account : 10000013  
2023-11-19 23:24:50,975 [main] [INFO] Generating account activity for month : 1  
2023-11-19 23:24:50,975 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:50,975 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,975 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,975 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:50,975 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,975 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,975 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130101  
2023-11-19 23:24:50,975 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,975 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,975 [Transaction] [INFO] Available credit limit for the transaction : 25642.57  
2023-11-19 23:24:50,975 [Transaction] [INFO] Random purchase amount : 18895.945237605185  
2023-11-19 23:24:50,975 [main] [INFO] Customer purchased an amount of 18895.945237605185  
2023-11-19 23:24:50,975 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,975 [Transaction] [INFO] Interest to be added for the days : 76.45788957990409  
2023-11-19 23:24:50,975 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130102  
2023-11-19 23:24:50,975 [Transaction] [INFO] Available credit limit for the transaction : 6746.624762394815  
2023-11-19 23:24:50,975 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130101  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130102  
2023-11-19 23:24:50,975 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:50,975 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,975 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130102  
2023-11-19 23:24:50,975 [Transaction] [INFO] Available credit limit for the

transaction : 6670.166872814909  
2023-11-19 23:24:50,975 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130102  
2023-11-19 23:24:50,977 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,977 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,977 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:50,977 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130103  
2023-11-19 23:24:50,977 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,977 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,977 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:50,977 [Transaction] [INFO] Random purchase amount :  
17476.599170688485  
2023-11-19 23:24:50,977 [main] [INFO] Customer purchased an amount of  
17476.599170688485  
2023-11-19 23:24:50,977 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,977 [Transaction] [INFO] Interest to be added for the days :  
127.4926843819216  
2023-11-19 23:24:50,977 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130104  
2023-11-19 23:24:50,977 [Transaction] [INFO] Available credit limit for the  
transaction : 8165.9708293115145  
2023-11-19 23:24:50,977 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,977 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130103  
2023-11-19 23:24:50,977 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130104  
2023-11-19 23:24:50,977 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,977 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:50,977 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130104  
2023-11-19 23:24:50,977 [Transaction] [INFO] Available credit limit for the  
transaction : 8038.4781449295915  
2023-11-19 23:24:50,977 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130104  
2023-11-19 23:24:50,977 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,977 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,977 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,977 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130105  
2023-11-19 23:24:50,977 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,977 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,977 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:50,977 [Transaction] [INFO] Random purchase amount :  
19336.14745302002  
2023-11-19 23:24:50,978 [main] [INFO] Customer purchased an amount of  
19336.14745302002



2023-11-19 23:24:50,978 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,978 [Transaction] [INFO] Interest to be added for the days :  
172.54392822779278  
2023-11-19 23:24:50,978 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130106  
2023-11-19 23:24:50,978 [Transaction] [INFO] Available credit limit for the  
transaction : 6306.4225469799785  
2023-11-19 23:24:50,978 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,978 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130105  
2023-11-19 23:24:50,978 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130106  
2023-11-19 23:24:50,978 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,978 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,978 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130106  
2023-11-19 23:24:50,979 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,979 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,979 [Transaction] [INFO] Available credit limit for the  
transaction : 6133.878618752187  
2023-11-19 23:24:50,979 [Transaction] [INFO] Random purchase amount :  
5142.192849841152  
2023-11-19 23:24:50,979 [main] [INFO] Customer purchased an amount of  
5142.192849841152  
2023-11-19 23:24:50,979 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,979 [Transaction] [INFO] Interest to be added for the days :  
240.0636686233097  
2023-11-19 23:24:50,979 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130107  
2023-11-19 23:24:50,979 [Transaction] [INFO] Available credit limit for the  
transaction : 991.6857689110366  
2023-11-19 23:24:50,979 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,979 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130106  
2023-11-19 23:24:50,980 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130107  
2023-11-19 23:24:50,980 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,980 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:50,980 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130107  
2023-11-19 23:24:50,980 [Transaction] [INFO] Available credit limit for the  
transaction : 751.6221002877282  
2023-11-19 23:24:50,980 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130107  
2023-11-19 23:24:50,980 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,980 [Transaction] [INFO] Next payment day : 19 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,980 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:50,980 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130108  
2023-11-19 23:24:50,980 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:24:50,980 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,980 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:50,980 [Transaction] [INFO] Random purchase amount :  
25200.54325698573  
2023-11-19 23:24:50,980 [main] [INFO] Customer purchased an amount of  
25200.54325698573  
2023-11-19 23:24:50,980 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,980 [Transaction] [INFO] Interest to be added for the days :  
307.1432146497354  
2023-11-19 23:24:50,980 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130109  
2023-11-19 23:24:50,980 [Transaction] [INFO] Available credit limit for the  
transaction : 442.0267430142703  
2023-11-19 23:24:50,980 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,980 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130108  
2023-11-19 23:24:50,981 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130109  
2023-11-19 23:24:50,981 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,981 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:24:50,981 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130109  
2023-11-19 23:24:50,981 [Transaction] [INFO] Available credit limit for the  
transaction : 134.88352836453487  
2023-11-19 23:24:50,981 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130109  
2023-11-19 23:24:50,981 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,981 [Transaction] [INFO] Next payment day : 23 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,981 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,981 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130110  
2023-11-19 23:24:50,981 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,981 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,981 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:50,981 [Transaction] [INFO] Random purchase amount :  
9556.193952399673  
2023-11-19 23:24:50,981 [main] [INFO] Customer purchased an amount of  
9556.193952399673  
2023-11-19 23:24:50,981 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,981 [Transaction] [INFO] Interest to be added for the days :  
171.3081646645275  
2023-11-19 23:24:50,981 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130111  
2023-11-19 23:24:50,981 [Transaction] [INFO] Available credit limit for the  
transaction : 16086.376047600326  
2023-11-19 23:24:50,981 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,981 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130110  
2023-11-19 23:24:50,981 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000130111  
2023-11-19 23:24:50,981 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,981 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:50,981 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130111  
2023-11-19 23:24:50,981 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,981 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:50,981 [Transaction] [INFO] Available cash advance for the  
transaction : 2564.257  
2023-11-19 23:24:50,981 [Transaction] [INFO] Random cash amount : 2153.192693522873  
2023-11-19 23:24:50,981 [main] [INFO] Customer has withdrawn cash of  
2153.192693522873  
2023-11-19 23:24:50,981 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,982 [Transaction] [INFO] Interest to be added for the days :  
222.74912417837533  
2023-11-19 23:24:50,982 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130112  
2023-11-19 23:24:50,982 [Transaction] [INFO] Available credit limit for the  
transaction : 13761.875189412925  
2023-11-19 23:24:50,982 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,982 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130111  
2023-11-19 23:24:50,982 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130112  
2023-11-19 23:24:50,982 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,982 [main] [INFO] Generating payment transaction for day : 23  
2023-11-19 23:24:50,982 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130112  
2023-11-19 23:24:50,982 [Transaction] [INFO] Available credit limit for the  
transaction : 13539.12606523455  
2023-11-19 23:24:50,982 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130112  
2023-11-19 23:24:50,982 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,982 [Transaction] [INFO] Next payment day : 27 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,982 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,982 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130113  
2023-11-19 23:24:50,982 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,982 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,982 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:50,982 [Transaction] [INFO] Random purchase amount :  
7677.118710380445  
2023-11-19 23:24:50,982 [main] [INFO] Customer purchased an amount of  
7677.118710380445  
2023-11-19 23:24:50,982 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,982 [Transaction] [INFO] Interest to be added for the days :  
156.58006588848792  
2023-11-19 23:24:50,982 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130114

2023-11-19 23:24:50,982 [Transaction] [INFO] Available credit limit for the transaction : 17965.451289619556  
2023-11-19 23:24:50,982 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,982 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130113  
2023-11-19 23:24:50,982 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130114  
2023-11-19 23:24:50,982 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,982 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:50,982 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130114  
2023-11-19 23:24:50,982 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,982 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,982 [Transaction] [INFO] Available credit limit for the transaction : 17808.87122373107  
2023-11-19 23:24:50,982 [Transaction] [INFO] Random purchase amount : 15731.12391158602  
2023-11-19 23:24:50,982 [main] [INFO] Customer purchased an amount of 15731.12391158602  
2023-11-19 23:24:50,983 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,983 [Transaction] [INFO] Interest to be added for the days : 519.4911090264468  
2023-11-19 23:24:50,983 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130115  
2023-11-19 23:24:50,983 [Transaction] [INFO] Available credit limit for the transaction : 2077.7473121450457  
2023-11-19 23:24:50,983 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,983 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130114  
2023-11-19 23:24:50,983 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130115  
2023-11-19 23:24:50,983 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,983 [main] [INFO] Generating payment transaction for day : 27  
2023-11-19 23:24:50,983 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130115  
2023-11-19 23:24:50,983 [Transaction] [INFO] Available credit limit for the transaction : 1558.256203118599  
2023-11-19 23:24:50,983 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130115  
2023-11-19 23:24:50,983 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:50,983 [Transaction] [INFO] Next payment day : 34 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:50,983 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:50,983 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130116  
2023-11-19 23:24:50,983 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,983 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,983 [Transaction] [INFO] Available credit limit for the transaction : 25642.57  
2023-11-19 23:24:50,983 [Transaction] [INFO] Random purchase amount :

3016.2426538963723  
2023-11-19 23:24:50,984 [main] [INFO] Customer purchased an amount of  
3016.2426538963723  
2023-11-19 23:24:50,984 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,984 [Transaction] [INFO] Interest to be added for the days :  
71.47703356138238  
2023-11-19 23:24:50,984 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130117  
2023-11-19 23:24:50,984 [Transaction] [INFO] Available credit limit for the  
transaction : 22626.327346103626  
2023-11-19 23:24:50,984 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,984 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130116  
2023-11-19 23:24:50,984 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130117  
2023-11-19 23:24:50,984 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,984 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 1  
2023-11-19 23:24:50,984 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:24:50,984 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,984 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,984 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,984 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:50,984 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:50,984 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130201  
2023-11-19 23:24:50,984 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,984 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,984 [Transaction] [INFO] Available credit limit for the  
transaction : 22554.850312542243  
2023-11-19 23:24:50,984 [Transaction] [INFO] Random purchase amount :  
2741.5008525113794  
2023-11-19 23:24:50,984 [main] [INFO] Customer purchased an amount of  
2741.5008525113794  
2023-11-19 23:24:50,984 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,984 [Transaction] [INFO] Interest to be added for the days :  
23.58653641178494  
2023-11-19 23:24:50,984 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130202  
2023-11-19 23:24:50,984 [Transaction] [INFO] Available credit limit for the  
transaction : 19813.349460030866  
2023-11-19 23:24:50,984 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,984 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130201  
2023-11-19 23:24:50,984 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130202  
2023-11-19 23:24:50,984 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,984 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:50,984 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130202

2023-11-19 23:24:50,984 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,984 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,984 [Transaction] [INFO] Available credit limit for the  
transaction : 19789.76292361908  
2023-11-19 23:24:50,985 [Transaction] [INFO] Random purchase amount :  
16039.99489169157  
2023-11-19 23:24:50,985 [main] [INFO] Customer purchased an amount of  
16039.99489169157  
2023-11-19 23:24:50,985 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,985 [Transaction] [INFO] Interest to be added for the days :  
106.34370363243028  
2023-11-19 23:24:50,985 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130203  
2023-11-19 23:24:50,985 [Transaction] [INFO] Available credit limit for the  
transaction : 3749.7680319275096  
2023-11-19 23:24:50,985 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,985 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130202  
2023-11-19 23:24:50,985 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130203  
2023-11-19 23:24:50,985 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,986 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:50,986 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130203  
2023-11-19 23:24:50,986 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,986 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,986 [Transaction] [INFO] Available credit limit for the  
transaction : 3643.424328295081  
2023-11-19 23:24:50,986 [Transaction] [INFO] Random purchase amount :  
3497.201709350594  
2023-11-19 23:24:50,986 [main] [INFO] Customer purchased an amount of  
3497.201709350594  
2023-11-19 23:24:50,986 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,986 [Transaction] [INFO] Interest to be added for the days :  
248.297246922737  
2023-11-19 23:24:50,986 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130204  
2023-11-19 23:24:50,986 [Transaction] [INFO] Available credit limit for the  
transaction : 146.2226189444882  
2023-11-19 23:24:50,986 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,986 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130203  
2023-11-19 23:24:50,986 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130204  
2023-11-19 23:24:50,986 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,986 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:50,986 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130204  
2023-11-19 23:24:50,986 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,986 [main] [INFO] Current transaction type is

TransactionType.PURCHASE  
2023-11-19 23:24:50,986 [Transaction] [INFO] Available credit limit for the transaction : -102.07462797824701  
2023-11-19 23:24:50,986 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,986 [Transaction] [INFO] Interest to be added for the days : 376.98706993602457  
2023-11-19 23:24:50,986 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130205  
2023-11-19 23:24:50,986 [Transaction] [INFO] Available credit limit for the transaction : -102.07462797824701  
2023-11-19 23:24:50,986 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,986 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130204  
2023-11-19 23:24:50,986 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130205  
2023-11-19 23:24:50,987 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:50,987 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:50,987 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130205  
2023-11-19 23:24:50,987 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,987 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,987 [Transaction] [INFO] Available credit limit for the transaction : -479.0616979142724  
2023-11-19 23:24:50,987 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,987 [Transaction] [INFO] Interest to be added for the days : 403.92130436167224  
2023-11-19 23:24:50,987 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130206  
2023-11-19 23:24:50,987 [Transaction] [INFO] Available credit limit for the transaction : -479.0616979142724  
2023-11-19 23:24:50,987 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:50,987 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130205  
2023-11-19 23:24:50,987 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130206  
2023-11-19 23:24:50,987 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:50,987 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:50,987 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130206  
2023-11-19 23:24:50,987 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:50,987 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:50,988 [Transaction] [INFO] Available credit limit for the transaction : -882.9830022759452  
2023-11-19 23:24:50,988 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,988 [Transaction] [INFO] Interest to be added for the days : 453.7099332853773  
2023-11-19 23:24:50,988 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130207  
2023-11-19 23:24:50,988 [Transaction] [INFO] Available credit limit for the transaction : -882.9830022759452  
2023-11-19 23:24:50,988 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:50,988 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130206

2023-11-19 23:24:50,988 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130207

2023-11-19 23:24:50,988 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:50,988 [main] [INFO] Generating transaction for day : 26

2023-11-19 23:24:50,988 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130207

2023-11-19 23:24:50,988 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,988 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,988 [Transaction] [INFO] Available credit limit for the transaction : -1336.692935561321

2023-11-19 23:24:50,988 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,988 [Transaction] [INFO] Interest to be added for the days : 572.5027927517137

2023-11-19 23:24:50,988 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130208

2023-11-19 23:24:50,988 [Transaction] [INFO] Available credit limit for the transaction : -1336.692935561321

2023-11-19 23:24:50,988 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,988 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130207

2023-11-19 23:24:50,988 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130208

2023-11-19 23:24:50,990 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:50,990 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:24:50,990 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130208

2023-11-19 23:24:50,990 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:50,990 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:50,990 [Transaction] [INFO] Available credit limit for the transaction : -1909.195728313036

2023-11-19 23:24:50,990 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,990 [Transaction] [INFO] Interest to be added for the days : 607.3840454235581

2023-11-19 23:24:50,990 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130209

2023-11-19 23:24:50,990 [Transaction] [INFO] Available credit limit for the transaction : -1909.195728313036

2023-11-19 23:24:50,990 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:50,990 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130208

2023-11-19 23:24:50,990 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130209

2023-11-19 23:24:50,990 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:50,990 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 2

2023-11-19 23:24:50,990 [main] [INFO] Generating account activity for month : 3

2023-11-19 23:24:50,991 [Transaction] [INFO] Payment type for next payment :



D\_PARTIAL\_RECURRING

2023-11-19 23:24:50,991 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:50,991 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,991 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,991 [Transaction] [INFO] Next payment day : 5 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,991 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:50,991 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130301  
2023-11-19 23:24:50,991 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,991 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,991 [Transaction] [INFO] Available credit limit for the  
transaction : -2516.579773736594  
2023-11-19 23:24:50,991 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,991 [Transaction] [INFO] Interest to be added for the days :  
68.30830980695687  
2023-11-19 23:24:50,991 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130302  
2023-11-19 23:24:50,991 [Transaction] [INFO] Available credit limit for the  
transaction : -2516.579773736594  
2023-11-19 23:24:50,991 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,991 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130301  
2023-11-19 23:24:50,991 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130302  
2023-11-19 23:24:50,991 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,991 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:50,991 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130302  
2023-11-19 23:24:50,991 [Transaction] [INFO] Available credit limit for the  
transaction : -2584.888083543552  
2023-11-19 23:24:50,991 [Transaction] [INFO] Random portion from 0 to 1 :  
0.48801888174442976  
2023-11-19 23:24:50,991 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130302  
2023-11-19 23:24:50,991 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,991 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,991 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:50,991 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130303  
2023-11-19 23:24:50,991 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,991 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,991 [Transaction] [INFO] Available credit limit for the  
transaction : 11190.644444875137  
2023-11-19 23:24:50,992 [Transaction] [INFO] Random purchase amount :  
8085.362438151501  
2023-11-19 23:24:50,992 [main] [INFO] Customer purchased an amount of  
8085.362438151501  
2023-11-19 23:24:50,992 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,992 [Transaction] [INFO] Interest to be added for the days :  
127.77162036512424  
2023-11-19 23:24:50,992 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130304  
2023-11-19 23:24:50,992 [Transaction] [INFO] Available credit limit for the  
transaction : 3105.2820067236353  
2023-11-19 23:24:50,992 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,992 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130303  
2023-11-19 23:24:50,992 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130304  
2023-11-19 23:24:50,992 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,992 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:50,992 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130304  
2023-11-19 23:24:50,992 [Transaction] [INFO] Available credit limit for the  
transaction : 2977.51038635851  
2023-11-19 23:24:50,992 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5998675455960523  
2023-11-19 23:24:50,992 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130304  
2023-11-19 23:24:50,992 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,993 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,993 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:50,993 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130305  
2023-11-19 23:24:50,993 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,993 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,993 [Transaction] [INFO] Available credit limit for the  
transaction : 16573.54406758184  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random purchase amount :  
13139.284061135226  
2023-11-19 23:24:50,993 [main] [INFO] Customer purchased an amount of  
13139.284061135226  
2023-11-19 23:24:50,993 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,993 [Transaction] [INFO] Interest to be added for the days :  
198.17334631412118  
2023-11-19 23:24:50,993 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130306  
2023-11-19 23:24:50,993 [Transaction] [INFO] Available credit limit for the  
transaction : 3434.2600064466133  
2023-11-19 23:24:50,993 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,993 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130305  
2023-11-19 23:24:50,993 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130306  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:50,993 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:50,993 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130306  
2023-11-19 23:24:50,993 [Transaction] [INFO] Available credit limit for the

transaction : 3236.0866601324924  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random portion from 0 to 1 :  
0.6440239866301518  
2023-11-19 23:24:50,993 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130306  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:50,993 [Transaction] [INFO] Next payment day : 15 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,993 [main] [INFO] Generating payment transaction for day : 15  
2023-11-19 23:24:50,993 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130307  
2023-11-19 23:24:50,993 [Transaction] [INFO] Available credit limit for the  
transaction : 17666.399387036043  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5238071800260748  
2023-11-19 23:24:50,993 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130307  
2023-11-19 23:24:50,993 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,993 [Transaction] [INFO] Next payment day : 19 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,994 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:50,994 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130308  
2023-11-19 23:24:50,994 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,994 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,994 [Transaction] [INFO] Available credit limit for the  
transaction : 21844.374823219543  
2023-11-19 23:24:50,994 [Transaction] [INFO] Random purchase amount :  
5255.961000619167  
2023-11-19 23:24:50,994 [main] [INFO] Customer purchased an amount of  
5255.961000619167  
2023-11-19 23:24:50,994 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,994 [Transaction] [INFO] Interest to be added for the days :  
117.756114041926  
2023-11-19 23:24:50,994 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130309  
2023-11-19 23:24:50,994 [Transaction] [INFO] Available credit limit for the  
transaction : 16588.413822600374  
2023-11-19 23:24:50,994 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,994 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130308  
2023-11-19 23:24:50,994 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130309  
2023-11-19 23:24:50,994 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:50,994 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:24:50,994 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130309  
2023-11-19 23:24:50,994 [Transaction] [INFO] Available credit limit for the  
transaction : 16470.65770855845  
2023-11-19 23:24:50,994 [Transaction] [INFO] Random portion from 0 to 1 :  
0.09283928908228356  
2023-11-19 23:24:50,994 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130309

2023-11-19 23:24:50,994 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,994 [Transaction] [INFO] Next payment day : 23 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,994 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:50,994 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130310  
2023-11-19 23:24:50,994 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,994 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,994 [Transaction] [INFO] Available credit limit for the  
transaction : 17322.17152522094  
2023-11-19 23:24:50,994 [Transaction] [INFO] Random purchase amount :  
13219.724265966313  
2023-11-19 23:24:50,994 [main] [INFO] Customer purchased an amount of  
13219.724265966313  
2023-11-19 23:24:50,994 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,994 [Transaction] [INFO] Interest to be added for the days :  
386.1368774792541  
2023-11-19 23:24:50,995 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130311  
2023-11-19 23:24:50,995 [Transaction] [INFO] Available credit limit for the  
transaction : 4102.447259254626  
2023-11-19 23:24:50,995 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,995 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130310  
2023-11-19 23:24:50,995 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130311  
2023-11-19 23:24:50,995 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:50,995 [main] [INFO] Generating payment transaction for day : 23  
2023-11-19 23:24:50,995 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130311  
2023-11-19 23:24:50,995 [Transaction] [INFO] Available credit limit for the  
transaction : 3716.3103817753727  
2023-11-19 23:24:50,995 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5556803119564323  
2023-11-19 23:24:50,995 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130311  
2023-11-19 23:24:50,995 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:50,995 [Transaction] [INFO] Next payment day : 30 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,995 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:50,995 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130312  
2023-11-19 23:24:50,995 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,995 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,995 [Transaction] [INFO] Available credit limit for the  
transaction : 15900.301166468158  
2023-11-19 23:24:50,995 [Transaction] [INFO] Random purchase amount :  
8786.599913924236  
2023-11-19 23:24:50,996 [main] [INFO] Customer purchased an amount of  
8786.599913924236  
2023-11-19 23:24:50,996 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:50,996 [Transaction] [INFO] Interest to be added for the days :  
377.90890030044153  
2023-11-19 23:24:50,996 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130313  
2023-11-19 23:24:50,996 [Transaction] [INFO] Available credit limit for the  
transaction : 7113.70125254392  
2023-11-19 23:24:50,996 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,996 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130312  
2023-11-19 23:24:50,996 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130313  
2023-11-19 23:24:50,996 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,996 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:50,996 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130313  
2023-11-19 23:24:50,996 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:50,997 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,997 [Transaction] [INFO] Available credit limit for the  
transaction : 6735.792352243479  
2023-11-19 23:24:50,997 [Transaction] [INFO] Random purchase amount :  
1060.2165696706984  
2023-11-19 23:24:50,997 [main] [INFO] Customer purchased an amount of  
1060.2165696706984  
2023-11-19 23:24:50,997 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,997 [Transaction] [INFO] Interest to be added for the days :  
473.16535158580325  
2023-11-19 23:24:50,997 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130314  
2023-11-19 23:24:50,997 [Transaction] [INFO] Available credit limit for the  
transaction : 5675.5757825727815  
2023-11-19 23:24:50,998 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:50,998 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130313  
2023-11-19 23:24:50,998 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130314  
2023-11-19 23:24:50,998 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:50,998 [main] [INFO] Generating payment transaction for day : 30  
2023-11-19 23:24:50,998 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130314  
2023-11-19 23:24:50,998 [Transaction] [INFO] Available credit limit for the  
transaction : 5202.41043098698  
2023-11-19 23:24:50,998 [Transaction] [INFO] Random portion from 0 to 1 :  
0.01877604746203576  
2023-11-19 23:24:50,998 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130314  
2023-11-19 23:24:50,998 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:50,998 [Transaction] [INFO] Next payment day : 34 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:50,998 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:50,998 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130315  
2023-11-19 23:24:50,998 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:50,998 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:50,998 [Transaction] [INFO] Available credit limit for the  
transaction : 5586.195837186351  
2023-11-19 23:24:50,998 [Transaction] [INFO] Random purchase amount :  
3553.7021295278523  
2023-11-19 23:24:50,998 [main] [INFO] Customer purchased an amount of  
3553.7021295278523  
2023-11-19 23:24:50,998 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:50,998 [Transaction] [INFO] Interest to be added for the days :  
598.5679927903615  
2023-11-19 23:24:51,000 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130316  
2023-11-19 23:24:51,000 [Transaction] [INFO] Available credit limit for the  
transaction : 2032.4937076584974  
2023-11-19 23:24:51,000 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,000 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130315  
2023-11-19 23:24:51,000 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130316  
2023-11-19 23:24:51,000 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,000 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 3  
2023-11-19 23:24:51,000 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:24:51,000 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,000 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,000 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,000 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,000 [Transaction] [INFO] Next payment day : 2 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,000 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:51,000 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130401  
2023-11-19 23:24:51,000 [Transaction] [INFO] Available credit limit for the  
transaction : 1433.9257148681354  
2023-11-19 23:24:51,000 [Transaction] [INFO] Random portion from 0 to 1 :  
0.2977200625972306  
2023-11-19 23:24:51,000 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130401  
2023-11-19 23:24:51,000 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,001 [Transaction] [INFO] Next payment day : 5 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,001 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,001 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130402  
2023-11-19 23:24:51,001 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,001 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,001 [Transaction] [INFO] Available credit limit for the  
transaction : 8641.324806831683  
2023-11-19 23:24:51,001 [Transaction] [INFO] Random purchase amount :

7463.551870296496  
2023-11-19 23:24:51,001 [main] [INFO] Customer purchased an amount of  
7463.551870296496  
2023-11-19 23:24:51,001 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,001 [Transaction] [INFO] Interest to be added for the days :  
98.99090672376545  
2023-11-19 23:24:51,001 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130403  
2023-11-19 23:24:51,001 [Transaction] [INFO] Available credit limit for the  
transaction : 1177.7729365351843  
2023-11-19 23:24:51,001 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,001 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130402  
2023-11-19 23:24:51,001 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130403  
2023-11-19 23:24:51,001 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,001 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:51,001 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130403  
2023-11-19 23:24:51,002 [Transaction] [INFO] Available credit limit for the  
transaction : 1078.7820298114202  
2023-11-19 23:24:51,002 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5990177907168773  
2023-11-19 23:24:51,002 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130403  
2023-11-19 23:24:51,002 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,002 [Transaction] [INFO] Next payment day : 8 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,002 [main] [INFO] Generating payment transaction for day : 8  
2023-11-19 23:24:51,002 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130404  
2023-11-19 23:24:51,002 [Transaction] [INFO] Available credit limit for the  
transaction : 15792.928031351592  
2023-11-19 23:24:51,002 [Transaction] [INFO] Random portion from 0 to 1 :  
0.9893348011670062  
2023-11-19 23:24:51,002 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130404  
2023-11-19 23:24:51,002 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,002 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,002 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:24:51,002 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130405  
2023-11-19 23:24:51,002 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,002 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,002 [Transaction] [INFO] Available credit limit for the  
transaction : 25537.521609970565  
2023-11-19 23:24:51,003 [Transaction] [INFO] Random purchase amount :  
4417.173185977188  
2023-11-19 23:24:51,003 [main] [INFO] Customer purchased an amount of  
4417.173185977188  
2023-11-19 23:24:51,003 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,003 [Transaction] [INFO] Interest to be added for the days :

32.98983758018039

2023-11-19 23:24:51,003 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130406

2023-11-19 23:24:51,003 [Transaction] [INFO] Available credit limit for the transaction : 21120.348423993375

2023-11-19 23:24:51,003 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,003 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130405

2023-11-19 23:24:51,003 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130406

2023-11-19 23:24:51,003 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,003 [main] [INFO] Generating transaction for day : 12

2023-11-19 23:24:51,003 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130406

2023-11-19 23:24:51,003 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,003 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,003 [Transaction] [INFO] Available credit limit for the transaction : 21087.358586413196

2023-11-19 23:24:51,003 [Transaction] [INFO] Random purchase amount : 4972.158428678499

2023-11-19 23:24:51,003 [main] [INFO] Customer purchased an amount of 4972.158428678499

2023-11-19 23:24:51,003 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,003 [Transaction] [INFO] Interest to be added for the days : 92.78269027691812

2023-11-19 23:24:51,003 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130407

2023-11-19 23:24:51,003 [Transaction] [INFO] Available credit limit for the transaction : 16115.200157734696

2023-11-19 23:24:51,003 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,003 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130406

2023-11-19 23:24:51,003 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130407

2023-11-19 23:24:51,003 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:51,003 [main] [INFO] Generating payment transaction for day : 12

2023-11-19 23:24:51,003 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130407

2023-11-19 23:24:51,004 [Transaction] [INFO] Available credit limit for the transaction : 16022.417467457779

2023-11-19 23:24:51,004 [Transaction] [INFO] Random portion from 0 to 1 : 0.3371143901871847

2023-11-19 23:24:51,004 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130407

2023-11-19 23:24:51,004 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:51,004 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,004 [main] [INFO] Generating payment transaction for day : 14

2023-11-19 23:24:51,004 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130408

2023-11-19 23:24:51,004 [Transaction] [INFO] Available credit limit for the transaction : 19265.509321973448



2023-11-19 23:24:51,004 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8914696705286463  
2023-11-19 23:24:51,004 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130408  
2023-11-19 23:24:51,004 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,004 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,004 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:51,004 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130409  
2023-11-19 23:24:51,004 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,004 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,004 [Transaction] [INFO] Available credit limit for the  
transaction : 24950.465503554966  
2023-11-19 23:24:51,004 [Transaction] [INFO] Random purchase amount :  
221.1409839177035  
2023-11-19 23:24:51,004 [main] [INFO] Customer purchased an amount of  
221.1409839177035  
2023-11-19 23:24:51,004 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,006 [Transaction] [INFO] Interest to be added for the days :  
11.877444659316005  
2023-11-19 23:24:51,006 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130410  
2023-11-19 23:24:51,006 [Transaction] [INFO] Available credit limit for the  
transaction : 24729.32451963726  
2023-11-19 23:24:51,006 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,006 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130409  
2023-11-19 23:24:51,006 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130410  
2023-11-19 23:24:51,006 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,006 [main] [INFO] Generating payment transaction for day : 16  
2023-11-19 23:24:51,006 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130410  
2023-11-19 23:24:51,006 [Transaction] [INFO] Available credit limit for the  
transaction : 24717.447074977943  
2023-11-19 23:24:51,006 [Transaction] [INFO] Random portion from 0 to 1 :  
0.17062311756970072  
2023-11-19 23:24:51,006 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130410  
2023-11-19 23:24:51,007 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,007 [Transaction] [INFO] Next payment day : 20 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,007 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:24:51,007 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130411  
2023-11-19 23:24:51,007 [Transaction] [INFO] Available credit limit for the  
transaction : 24875.29443258041  
2023-11-19 23:24:51,007 [Transaction] [INFO] Random portion from 0 to 1 :  
0.509602247854917  
2023-11-19 23:24:51,007 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130411  
2023-11-19 23:24:51,007 [Transaction] [INFO] Random generated number from 1 to 7 :

7

2023-11-19 23:24:51,007 [Transaction] [INFO] Next payment day : 27 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,007 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,007 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130412  
2023-11-19 23:24:51,007 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,007 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,007 [Transaction] [INFO] Available credit limit for the transaction : 25266.29978646159  
2023-11-19 23:24:51,007 [Transaction] [INFO] Random purchase amount : 13797.80322796884  
2023-11-19 23:24:51,007 [main] [INFO] Customer purchased an amount of 13797.80322796884  
2023-11-19 23:24:51,007 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,007 [Transaction] [INFO] Interest to be added for the days : 242.44236924962536  
2023-11-19 23:24:51,007 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130413  
2023-11-19 23:24:51,008 [Transaction] [INFO] Available credit limit for the transaction : 11468.496558492749  
2023-11-19 23:24:51,008 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,008 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130412  
2023-11-19 23:24:51,008 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130413  
2023-11-19 23:24:51,008 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,008 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:51,008 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130413  
2023-11-19 23:24:51,008 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,009 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,009 [Transaction] [INFO] Available credit limit for the transaction : 11226.054189243123  
2023-11-19 23:24:51,009 [Transaction] [INFO] Random purchase amount : 8737.497415063426  
2023-11-19 23:24:51,009 [main] [INFO] Customer purchased an amount of 8737.497415063426  
2023-11-19 23:24:51,009 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,009 [Transaction] [INFO] Interest to be added for the days : 472.24187266764324  
2023-11-19 23:24:51,009 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130414  
2023-11-19 23:24:51,009 [Transaction] [INFO] Available credit limit for the transaction : 2488.5567741796986  
2023-11-19 23:24:51,009 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,009 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130413  
2023-11-19 23:24:51,009 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130414  
2023-11-19 23:24:51,009 [Transaction] [INFO] Random generated number from 1 to 7 :

5

2023-11-19 23:24:51,009 [main] [INFO] Generating payment transaction for day : 27  
2023-11-19 23:24:51,009 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130414  
2023-11-19 23:24:51,009 [Transaction] [INFO] Available credit limit for the  
transaction : 2016.3149015120543  
2023-11-19 23:24:51,009 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5739285203346985  
2023-11-19 23:24:51,009 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130414  
2023-11-19 23:24:51,009 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,009 [Transaction] [INFO] Next payment day : 29 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,009 [main] [INFO] Generating payment transaction for day : 29  
2023-11-19 23:24:51,010 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130415  
2023-11-19 23:24:51,010 [Transaction] [INFO] Available credit limit for the  
transaction : 15576.096531237368  
2023-11-19 23:24:51,010 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5310818420270302  
2023-11-19 23:24:51,010 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130415  
2023-11-19 23:24:51,010 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,010 [Transaction] [INFO] Next payment day : 32 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,010 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,010 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130416  
2023-11-19 23:24:51,010 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,010 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,010 [Transaction] [INFO] Available credit limit for the  
transaction : 20922.217803744054  
2023-11-19 23:24:51,010 [Transaction] [INFO] Random purchase amount :  
10377.13737638468  
2023-11-19 23:24:51,010 [main] [INFO] Customer purchased an amount of  
10377.13737638468  
2023-11-19 23:24:51,010 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,010 [Transaction] [INFO] Interest to be added for the days :  
370.2578770449755  
2023-11-19 23:24:51,010 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130417  
2023-11-19 23:24:51,010 [Transaction] [INFO] Available credit limit for the  
transaction : 10545.080427359375  
2023-11-19 23:24:51,010 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,010 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130416  
2023-11-19 23:24:51,010 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130417  
2023-11-19 23:24:51,010 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,011 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 4  
2023-11-19 23:24:51,011 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:24:51,011 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,011 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,011 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,011 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,011 [Transaction] [INFO] Next payment day : 6 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,011 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:51,011 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130501  
2023-11-19 23:24:51,011 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,011 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,011 [Transaction] [INFO] Available credit limit for the  
transaction : 10174.822550314399  
2023-11-19 23:24:51,011 [Transaction] [INFO] Random purchase amount :  
8621.70113989502  
2023-11-19 23:24:51,011 [main] [INFO] Customer purchased an amount of  
8621.70113989502  
2023-11-19 23:24:51,011 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,011 [Transaction] [INFO] Interest to be added for the days :  
117.01385620785263  
2023-11-19 23:24:51,011 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130502  
2023-11-19 23:24:51,011 [Transaction] [INFO] Available credit limit for the  
transaction : 1553.1214104193787  
2023-11-19 23:24:51,011 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,011 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130501  
2023-11-19 23:24:51,011 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130502  
2023-11-19 23:24:51,012 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,012 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:51,012 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130502  
2023-11-19 23:24:51,012 [Transaction] [INFO] Available credit limit for the  
transaction : 1436.107554211525  
2023-11-19 23:24:51,012 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5009127416333182  
2023-11-19 23:24:51,012 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130502  
2023-11-19 23:24:51,012 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,012 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,012 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:51,012 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130503  
2023-11-19 23:24:51,012 [Transaction] [INFO] Available credit limit for the  
transaction : 13561.433023175388  
2023-11-19 23:24:51,012 [Transaction] [INFO] Random portion from 0 to 1 :  
0.025960495559553154  
2023-11-19 23:24:51,012 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130503  
2023-11-19 23:24:51,012 [Transaction] [INFO] Random generated number from 1 to 7 :  
5

2023-11-19 23:24:51,013 [Transaction] [INFO] Next payment day : 17 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,013 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:51,013 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130504  
2023-11-19 23:24:51,013 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,013 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,013 [Transaction] [INFO] Available credit limit for the  
transaction : 13875.065326016596  
2023-11-19 23:24:51,013 [Transaction] [INFO] Random purchase amount :  
5606.875527996034  
2023-11-19 23:24:51,013 [main] [INFO] Customer purchased an amount of  
5606.875527996034  
2023-11-19 23:24:51,013 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,013 [Transaction] [INFO] Interest to be added for the days :  
183.37538177224508  
2023-11-19 23:24:51,013 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130505  
2023-11-19 23:24:51,013 [Transaction] [INFO] Available credit limit for the  
transaction : 8268.189798020561  
2023-11-19 23:24:51,013 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,013 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130504  
2023-11-19 23:24:51,013 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130505  
2023-11-19 23:24:51,013 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,013 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:51,013 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130505  
2023-11-19 23:24:51,014 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,014 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,014 [Transaction] [INFO] Available credit limit for the  
transaction : 8084.814416248315  
2023-11-19 23:24:51,014 [Transaction] [INFO] Random purchase amount :  
2066.176416862669  
2023-11-19 23:24:51,014 [main] [INFO] Customer purchased an amount of  
2066.176416862669  
2023-11-19 23:24:51,014 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,014 [Transaction] [INFO] Interest to be added for the days :  
255.22400203163082  
2023-11-19 23:24:51,014 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130506  
2023-11-19 23:24:51,014 [Transaction] [INFO] Available credit limit for the  
transaction : 6018.637999385646  
2023-11-19 23:24:51,014 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,014 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130505  
2023-11-19 23:24:51,014 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130506  
2023-11-19 23:24:51,014 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,014 [main] [INFO] Generating payment transaction for day : 17

2023-11-19 23:24:51,014 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130506  
2023-11-19 23:24:51,014 [Transaction] [INFO] Available credit limit for the transaction : 5763.413997354015  
2023-11-19 23:24:51,014 [Transaction] [INFO] Random portion from 0 to 1 : 0.7467180796520174  
2023-11-19 23:24:51,015 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130506  
2023-11-19 23:24:51,015 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,015 [Transaction] [INFO] Next payment day : 24 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,015 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,015 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130507  
2023-11-19 23:24:51,015 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,015 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,015 [Transaction] [INFO] Available credit limit for the transaction : 20607.5391927527  
2023-11-19 23:24:51,015 [Transaction] [INFO] Random purchase amount : 12118.836417235605  
2023-11-19 23:24:51,015 [main] [INFO] Customer purchased an amount of 12118.836417235605  
2023-11-19 23:24:51,015 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,015 [Transaction] [INFO] Interest to be added for the days : 265.25189943296374  
2023-11-19 23:24:51,015 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130508  
2023-11-19 23:24:51,015 [Transaction] [INFO] Available credit limit for the transaction : 8488.702775517093  
2023-11-19 23:24:51,015 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,015 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130507  
2023-11-19 23:24:51,015 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130508  
2023-11-19 23:24:51,015 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,015 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,015 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130508  
2023-11-19 23:24:51,015 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,015 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,015 [Transaction] [INFO] Available credit limit for the transaction : 8223.45087608413  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random purchase amount : 8097.556969027374  
2023-11-19 23:24:51,016 [main] [INFO] Customer purchased an amount of 8097.556969027374  
2023-11-19 23:24:51,016 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,016 [Transaction] [INFO] Interest to be added for the days : 499.41041896809253  
2023-11-19 23:24:51,016 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130509  
2023-11-19 23:24:51,016 [Transaction] [INFO] Available credit limit for the

transaction : 125.8939070567576  
2023-11-19 23:24:51,016 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,016 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130508  
2023-11-19 23:24:51,016 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130509  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,016 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:24:51,016 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130509  
2023-11-19 23:24:51,016 [Transaction] [INFO] Available credit limit for the transaction : -373.5165119113335  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random portion from 0 to 1 : 0.06562763094640811  
2023-11-19 23:24:51,016 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130509  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,016 [Transaction] [INFO] Next payment day : 25 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,016 [main] [INFO] Generating payment transaction for day : 25  
2023-11-19 23:24:51,016 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130510  
2023-11-19 23:24:51,016 [Transaction] [INFO] Available credit limit for the transaction : 1333.8576123622079  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random portion from 0 to 1 : 0.22738682081977424  
2023-11-19 23:24:51,016 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130510  
2023-11-19 23:24:51,016 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,016 [Transaction] [INFO] Next payment day : 31 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,016 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:51,016 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130511  
2023-11-19 23:24:51,016 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,016 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,017 [Transaction] [INFO] Available credit limit for the transaction : 6861.338440409429  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random purchase amount : 3995.018208172854  
2023-11-19 23:24:51,017 [main] [INFO] Customer purchased an amount of 3995.018208172854  
2023-11-19 23:24:51,017 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,017 [Transaction] [INFO] Interest to be added for the days : 502.10686530719715  
2023-11-19 23:24:51,017 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130512  
2023-11-19 23:24:51,017 [Transaction] [INFO] Available credit limit for the transaction : 2866.320232236576  
2023-11-19 23:24:51,017 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,017 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130511

2023-11-19 23:24:51,017 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130512  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,017 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 5  
2023-11-19 23:24:51,017 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:24:51,017 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:51,017 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,017 [Transaction] [INFO] Next payment day : 2 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,017 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:51,017 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130601  
2023-11-19 23:24:51,017 [Transaction] [INFO] Available credit limit for the transaction : 2364.21336692938  
2023-11-19 23:24:51,017 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130601  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,017 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,017 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,017 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130602  
2023-11-19 23:24:51,017 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,017 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,017 [Transaction] [INFO] Available credit limit for the transaction : 25642.57  
2023-11-19 23:24:51,017 [Transaction] [INFO] Random purchase amount : 4678.075814677772  
2023-11-19 23:24:51,017 [main] [INFO] Customer purchased an amount of 4678.075814677772  
2023-11-19 23:24:51,018 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,018 [Transaction] [INFO] Interest to be added for the days : 18.928706639836964  
2023-11-19 23:24:51,018 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130603  
2023-11-19 23:24:51,018 [Transaction] [INFO] Available credit limit for the transaction : 20964.494185322226  
2023-11-19 23:24:51,018 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,018 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130602  
2023-11-19 23:24:51,018 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130603  
2023-11-19 23:24:51,018 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,018 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:51,018 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130603  
2023-11-19 23:24:51,018 [Transaction] [INFO] Available credit limit for the



transaction : 20945.56547868239  
2023-11-19 23:24:51,018 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130603  
2023-11-19 23:24:51,018 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,018 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,018 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,018 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130604  
2023-11-19 23:24:51,018 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,018 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,018 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:51,018 [Transaction] [INFO] Random purchase amount :  
2470.6649124802584  
2023-11-19 23:24:51,018 [main] [INFO] Customer purchased an amount of  
2470.6649124802584  
2023-11-19 23:24:51,018 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,018 [Transaction] [INFO] Interest to be added for the days :  
22.046699342238316  
2023-11-19 23:24:51,018 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130605  
2023-11-19 23:24:51,018 [Transaction] [INFO] Available credit limit for the  
transaction : 23171.905087519743  
2023-11-19 23:24:51,018 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,018 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130604  
2023-11-19 23:24:51,018 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130605  
2023-11-19 23:24:51,018 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,018 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:51,018 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130605  
2023-11-19 23:24:51,018 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,018 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,018 [Transaction] [INFO] Available credit limit for the  
transaction : 23149.858388177505  
2023-11-19 23:24:51,019 [Transaction] [INFO] Random purchase amount :  
15574.990564465028  
2023-11-19 23:24:51,019 [main] [INFO] Customer purchased an amount of  
15574.990564465028  
2023-11-19 23:24:51,019 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,019 [Transaction] [INFO] Interest to be added for the days :  
205.4447310271212  
2023-11-19 23:24:51,019 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130606  
2023-11-19 23:24:51,019 [Transaction] [INFO] Available credit limit for the  
transaction : 7574.867823712477  
2023-11-19 23:24:51,019 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,019 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130605

2023-11-19 23:24:51,019 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130606  
2023-11-19 23:24:51,019 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,019 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,019 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130606  
2023-11-19 23:24:51,019 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,019 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,019 [Transaction] [INFO] Available credit limit for the transaction : 7369.423092685356  
2023-11-19 23:24:51,019 [Transaction] [INFO] Random purchase amount : 5764.966470715585  
2023-11-19 23:24:51,019 [main] [INFO] Customer purchased an amount of 5764.966470715585  
2023-11-19 23:24:51,019 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,019 [Transaction] [INFO] Interest to be added for the days : 371.7036601056972  
2023-11-19 23:24:51,019 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130607  
2023-11-19 23:24:51,019 [Transaction] [INFO] Available credit limit for the transaction : 1604.45662196977  
2023-11-19 23:24:51,019 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,019 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130606  
2023-11-19 23:24:51,019 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130607  
2023-11-19 23:24:51,019 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,019 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:51,019 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130607  
2023-11-19 23:24:51,019 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,019 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,019 [Transaction] [INFO] Available credit limit for the transaction : 1232.7529618640729  
2023-11-19 23:24:51,019 [Transaction] [INFO] Random purchase amount : 1046.7869696346206  
2023-11-19 23:24:51,019 [main] [INFO] Customer purchased an amount of 1046.7869696346206  
2023-11-19 23:24:51,019 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,020 [Transaction] [INFO] Interest to be added for the days : 540.1918104001712  
2023-11-19 23:24:51,020 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130608  
2023-11-19 23:24:51,020 [Transaction] [INFO] Available credit limit for the transaction : 185.96599222945224  
2023-11-19 23:24:51,020 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,020 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130607  
2023-11-19 23:24:51,020 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130608  
2023-11-19 23:24:51,020 [Transaction] [INFO] Random generated number from 1 to 7 :

4

2023-11-19 23:24:51,020 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,020 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130608  
2023-11-19 23:24:51,020 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,020 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,020 [Transaction] [INFO] Available credit limit for the  
transaction : -354.2258181707184  
2023-11-19 23:24:51,020 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,020 [Transaction] [INFO] Interest to be added for the days :  
637.5575477826965  
2023-11-19 23:24:51,020 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130609  
2023-11-19 23:24:51,020 [Transaction] [INFO] Available credit limit for the  
transaction : -354.2258181707184  
2023-11-19 23:24:51,020 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,020 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130608  
2023-11-19 23:24:51,020 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130609  
2023-11-19 23:24:51,020 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,020 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 6  
2023-11-19 23:24:51,020 [main] [INFO] Generating account activity for month : 7  
2023-11-19 23:24:51,020 [Transaction] [INFO] Payment type for next payment : DAILY  
2023-11-19 23:24:51,020 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,020 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,021 [Transaction] [INFO] Next payment day : 1 for given payment  
type : DAILY  
2023-11-19 23:24:51,021 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:51,021 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130701  
2023-11-19 23:24:51,021 [Transaction] [INFO] Available credit limit for the  
transaction : -991.7833659534153  
2023-11-19 23:24:51,021 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130701  
2023-11-19 23:24:51,021 [Transaction] [INFO] Next payment day : 2 for given payment  
type : DAILY  
2023-11-19 23:24:51,021 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:51,021 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130702  
2023-11-19 23:24:51,021 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,021 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,021 [Transaction] [INFO] Available cash advance for the  
transaction : 2564.257  
2023-11-19 23:24:51,021 [Transaction] [INFO] Random cash amount : 486.8736079655015  
2023-11-19 23:24:51,021 [main] [INFO] Customer has withdrawn cash of  
486.8736079655015  
2023-11-19 23:24:51,021 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,021 [Transaction] [INFO] Interest to be added for the days :  
1.5753767310960354  
2023-11-19 23:24:51,021 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000130703  
2023-11-19 23:24:51,021 [Transaction] [INFO] Available credit limit for the transaction : 25155.696392034497  
2023-11-19 23:24:51,021 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,021 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130702  
2023-11-19 23:24:51,021 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130703  
2023-11-19 23:24:51,021 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,022 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:51,022 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130703  
2023-11-19 23:24:51,022 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,022 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,022 [Transaction] [INFO] Available credit limit for the transaction : 25154.1210153034  
2023-11-19 23:24:51,022 [Transaction] [INFO] Random purchase amount : 21906.276071724424  
2023-11-19 23:24:51,022 [main] [INFO] Customer purchased an amount of 21906.276071724424  
2023-11-19 23:24:51,022 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,022 [Transaction] [INFO] Interest to be added for the days : 108.7817816925823  
2023-11-19 23:24:51,022 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130704  
2023-11-19 23:24:51,022 [Transaction] [INFO] Available credit limit for the transaction : 3247.844943578977  
2023-11-19 23:24:51,022 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,022 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130703  
2023-11-19 23:24:51,022 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130704  
2023-11-19 23:24:51,022 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,022 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:51,022 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130704  
2023-11-19 23:24:51,022 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,022 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,022 [Transaction] [INFO] Available credit limit for the transaction : 3139.0631618863954  
2023-11-19 23:24:51,022 [Transaction] [INFO] Random purchase amount : 270.52632925344227  
2023-11-19 23:24:51,022 [main] [INFO] Customer purchased an amount of 270.52632925344227  
2023-11-19 23:24:51,022 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,022 [Transaction] [INFO] Interest to be added for the days : 147.61829779805726  
2023-11-19 23:24:51,022 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130705  
2023-11-19 23:24:51,022 [Transaction] [INFO] Available credit limit for the transaction : 2868.5368326329517

2023-11-19 23:24:51,022 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,022 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130704

2023-11-19 23:24:51,023 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130705

2023-11-19 23:24:51,023 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,023 [main] [INFO] Generating transaction for day : 11

2023-11-19 23:24:51,023 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130705

2023-11-19 23:24:51,023 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,023 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,023 [Transaction] [INFO] Available credit limit for the transaction : 2720.9185348348947

2023-11-19 23:24:51,023 [Transaction] [INFO] Random purchase amount : 819.6477939281177

2023-11-19 23:24:51,023 [main] [INFO] Customer purchased an amount of 819.6477939281177

2023-11-19 23:24:51,023 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,023 [Transaction] [INFO] Interest to be added for the days : 211.85280290959565

2023-11-19 23:24:51,023 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130706

2023-11-19 23:24:51,023 [Transaction] [INFO] Available credit limit for the transaction : 1901.270740906777

2023-11-19 23:24:51,023 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,023 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130705

2023-11-19 23:24:51,023 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130706

2023-11-19 23:24:51,023 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:51,023 [main] [INFO] Generating transaction for day : 16

2023-11-19 23:24:51,023 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130706

2023-11-19 23:24:51,023 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,023 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,023 [Transaction] [INFO] Available credit limit for the transaction : 1689.417937997183

2023-11-19 23:24:51,023 [Transaction] [INFO] Random purchase amount : 1074.6583279129318

2023-11-19 23:24:51,023 [main] [INFO] Customer purchased an amount of 1074.6583279129318

2023-11-19 23:24:51,023 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,023 [Transaction] [INFO] Interest to be added for the days : 325.5055067253165

2023-11-19 23:24:51,023 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130707

2023-11-19 23:24:51,023 [Transaction] [INFO] Available credit limit for the transaction : 614.7596100842493

2023-11-19 23:24:51,023 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,023 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000130706  
2023-11-19 23:24:51,023 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130707  
2023-11-19 23:24:51,023 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,023 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,024 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130707  
2023-11-19 23:24:51,024 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,024 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,024 [Transaction] [INFO] Available credit limit for the  
transaction : 289.2541033589332  
2023-11-19 23:24:51,024 [Transaction] [INFO] Random purchase amount :  
147.23481898533956  
2023-11-19 23:24:51,024 [main] [INFO] Customer purchased an amount of  
147.23481898533956  
2023-11-19 23:24:51,024 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,024 [Transaction] [INFO] Interest to be added for the days :  
394.3174693722993  
2023-11-19 23:24:51,024 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130708  
2023-11-19 23:24:51,024 [Transaction] [INFO] Available credit limit for the  
transaction : 142.0192843735931  
2023-11-19 23:24:51,024 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,024 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130707  
2023-11-19 23:24:51,024 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130708  
2023-11-19 23:24:51,024 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,024 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,024 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130708  
2023-11-19 23:24:51,024 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,024 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,024 [Transaction] [INFO] Available credit limit for the  
transaction : -252.29818499870453  
2023-11-19 23:24:51,024 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,024 [Transaction] [INFO] Interest to be added for the days :  
442.9222989485397  
2023-11-19 23:24:51,024 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130709  
2023-11-19 23:24:51,024 [Transaction] [INFO] Available credit limit for the  
transaction : -252.29818499870453  
2023-11-19 23:24:51,024 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,024 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130708  
2023-11-19 23:24:51,024 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130709  
2023-11-19 23:24:51,025 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,025 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,025 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000130709  
2023-11-19 23:24:51,025 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,025 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,025 [Transaction] [INFO] Available credit limit for the  
transaction : -695.2204839472433  
2023-11-19 23:24:51,025 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,025 [Transaction] [INFO] Interest to be added for the days :  
515.4812065792362  
2023-11-19 23:24:51,025 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130710  
2023-11-19 23:24:51,025 [Transaction] [INFO] Available credit limit for the  
transaction : -695.2204839472433  
2023-11-19 23:24:51,025 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,025 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130709  
2023-11-19 23:24:51,025 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130710  
2023-11-19 23:24:51,025 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,025 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,025 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130710  
2023-11-19 23:24:51,025 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,025 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,025 [Transaction] [INFO] Available credit limit for the  
transaction : -1210.701690526479  
2023-11-19 23:24:51,025 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,025 [Transaction] [INFO] Interest to be added for the days :  
614.1598722691089  
2023-11-19 23:24:51,025 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130711  
2023-11-19 23:24:51,025 [Transaction] [INFO] Available credit limit for the  
transaction : -1210.701690526479  
2023-11-19 23:24:51,025 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,025 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130710  
2023-11-19 23:24:51,025 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130711  
2023-11-19 23:24:51,025 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,025 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 7  
2023-11-19 23:24:51,025 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:24:51,025 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,025 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,025 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,025 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,025 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,025 [main] [INFO] Generating transaction for day : 1

2023-11-19 23:24:51,025 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130801  
2023-11-19 23:24:51,025 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,026 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,026 [Transaction] [INFO] Available credit limit for the transaction : -1824.8615627955878  
2023-11-19 23:24:51,026 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,026 [Transaction] [INFO] Interest to be added for the days : 22.19217963799543  
2023-11-19 23:24:51,026 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130802  
2023-11-19 23:24:51,026 [Transaction] [INFO] Available credit limit for the transaction : -1824.8615627955878  
2023-11-19 23:24:51,026 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,026 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130801  
2023-11-19 23:24:51,026 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130802  
2023-11-19 23:24:51,026 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,026 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:51,026 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130802  
2023-11-19 23:24:51,026 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,026 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,026 [Transaction] [INFO] Available cash advance for the transaction : -1847.0537424335816  
2023-11-19 23:24:51,026 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,026 [Transaction] [INFO] Interest to be added for the days : 88.94816412698951  
2023-11-19 23:24:51,026 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130803  
2023-11-19 23:24:51,026 [Transaction] [INFO] Available credit limit for the transaction : -1847.0537424335816  
2023-11-19 23:24:51,026 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,026 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130802  
2023-11-19 23:24:51,026 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130803  
2023-11-19 23:24:51,026 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,026 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,026 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130803  
2023-11-19 23:24:51,026 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,026 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,026 [Transaction] [INFO] Available credit limit for the transaction : -1936.0019065605702  
2023-11-19 23:24:51,026 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,026 [Transaction] [INFO] Interest to be added for the days : 156.35238902340842



2023-11-19 23:24:51,027 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130804  
2023-11-19 23:24:51,027 [Transaction] [INFO] Available credit limit for the transaction : -1936.0019065605702  
2023-11-19 23:24:51,027 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130803  
2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130804  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,027 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:51,027 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130804  
2023-11-19 23:24:51,027 [Transaction] [INFO] Available credit limit for the transaction : -2092.3542955839803  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random portion from 0 to 1 : 0.7887173055608827  
2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130804  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,027 [Transaction] [INFO] Next payment day : 12 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,027 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:51,027 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130805  
2023-11-19 23:24:51,027 [Transaction] [INFO] Available credit limit for the transaction : 19782.660464764078  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random portion from 0 to 1 : 0.014329130455264072  
2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130805  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,027 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,027 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:51,027 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130806  
2023-11-19 23:24:51,027 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,027 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,027 [Transaction] [INFO] Available credit limit for the transaction : 19866.62787295052  
2023-11-19 23:24:51,027 [Transaction] [INFO] Random purchase amount : 14134.54437299208  
2023-11-19 23:24:51,027 [main] [INFO] Customer purchased an amount of 14134.54437299208  
2023-11-19 23:24:51,027 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,027 [Transaction] [INFO] Interest to be added for the days : 210.14234872103748  
2023-11-19 23:24:51,027 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130807  
2023-11-19 23:24:51,027 [Transaction] [INFO] Available credit limit for the transaction : 5732.08349995844  
2023-11-19 23:24:51,027 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130806

2023-11-19 23:24:51,027 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130807

2023-11-19 23:24:51,028 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:51,028 [main] [INFO] Generating transaction for day : 15

2023-11-19 23:24:51,028 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130807

2023-11-19 23:24:51,028 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,028 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,028 [Transaction] [INFO] Available credit limit for the transaction : 5521.941151237403

2023-11-19 23:24:51,028 [Transaction] [INFO] Random purchase amount : 3927.3760497314825

2023-11-19 23:24:51,028 [main] [INFO] Customer purchased an amount of 3927.3760497314825

2023-11-19 23:24:51,028 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,028 [Transaction] [INFO] Interest to be added for the days : 293.0961231714148

2023-11-19 23:24:51,028 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130808

2023-11-19 23:24:51,028 [Transaction] [INFO] Available credit limit for the transaction : 1594.5651015059193

2023-11-19 23:24:51,028 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,028 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130807

2023-11-19 23:24:51,028 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130808

2023-11-19 23:24:51,028 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:51,028 [main] [INFO] Generating payment transaction for day : 17

2023-11-19 23:24:51,028 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130808

2023-11-19 23:24:51,028 [Transaction] [INFO] Available credit limit for the transaction : 1301.4689783345057

2023-11-19 23:24:51,028 [Transaction] [INFO] Random portion from 0 to 1 : 0.7127439428231935

2023-11-19 23:24:51,028 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130808

2023-11-19 23:24:51,028 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,028 [Transaction] [INFO] Next payment day : 18 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,028 [main] [INFO] Generating payment transaction for day : 18

2023-11-19 23:24:51,028 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130809

2023-11-19 23:24:51,028 [Transaction] [INFO] Available credit limit for the transaction : 18650.441293174033

2023-11-19 23:24:51,028 [Transaction] [INFO] Random portion from 0 to 1 : 0.7534090009417944

2023-11-19 23:24:51,028 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130809

2023-11-19 23:24:51,028 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:24:51,028 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,028 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,028 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130810  
2023-11-19 23:24:51,029 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,029 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,029 [Transaction] [INFO] Available credit limit for the  
transaction : 23918.373996640225  
2023-11-19 23:24:51,029 [Transaction] [INFO] Random purchase amount :  
17540.996128973846  
2023-11-19 23:24:51,029 [main] [INFO] Customer purchased an amount of  
17540.996128973846  
2023-11-19 23:24:51,029 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,029 [Transaction] [INFO] Interest to be added for the days :  
345.3555591837718  
2023-11-19 23:24:51,029 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130811  
2023-11-19 23:24:51,029 [Transaction] [INFO] Available credit limit for the  
transaction : 6377.377867666379  
2023-11-19 23:24:51,029 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,029 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130810  
2023-11-19 23:24:51,029 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130811  
2023-11-19 23:24:51,029 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,029 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,029 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130811  
2023-11-19 23:24:51,029 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,029 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,029 [Transaction] [INFO] Available credit limit for the  
transaction : 6032.022308482607  
2023-11-19 23:24:51,029 [Transaction] [INFO] Random purchase amount :  
3161.8273892824855  
2023-11-19 23:24:51,029 [main] [INFO] Customer purchased an amount of  
3161.8273892824855  
2023-11-19 23:24:51,029 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,029 [Transaction] [INFO] Interest to be added for the days :  
445.69917094907237  
2023-11-19 23:24:51,029 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130812  
2023-11-19 23:24:51,029 [Transaction] [INFO] Available credit limit for the  
transaction : 2870.1949192001193  
2023-11-19 23:24:51,029 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,029 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130811  
2023-11-19 23:24:51,029 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130812  
2023-11-19 23:24:51,029 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,029 [main] [INFO] Generating payment transaction for day : 24

2023-11-19 23:24:51,029 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130812  
2023-11-19 23:24:51,029 [Transaction] [INFO] Available credit limit for the transaction : 2424.495748251047  
2023-11-19 23:24:51,029 [Transaction] [INFO] Random portion from 0 to 1 : 0.6067763016987906  
2023-11-19 23:24:51,030 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130812  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,030 [Transaction] [INFO] Next payment day : 27 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,030 [main] [INFO] Generating payment transaction for day : 27  
2023-11-19 23:24:51,030 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130813  
2023-11-19 23:24:51,030 [Transaction] [INFO] Available credit limit for the transaction : 16512.67297529519  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random portion from 0 to 1 : 0.36085955601440534  
2023-11-19 23:24:51,030 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130813  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,030 [Transaction] [INFO] Next payment day : 30 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,030 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:51,030 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130814  
2023-11-19 23:24:51,030 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,030 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,030 [Transaction] [INFO] Available credit limit for the transaction : 19807.28356208741  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random purchase amount : 8653.96098688969  
2023-11-19 23:24:51,030 [main] [INFO] Customer purchased an amount of 8653.96098688969  
2023-11-19 23:24:51,030 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,030 [Transaction] [INFO] Interest to be added for the days : 343.3571311392731  
2023-11-19 23:24:51,030 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130815  
2023-11-19 23:24:51,030 [Transaction] [INFO] Available credit limit for the transaction : 11153.322575197719  
2023-11-19 23:24:51,030 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,030 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130814  
2023-11-19 23:24:51,030 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130815  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,030 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 8  
2023-11-19 23:24:51,030 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:24:51,030 [Transaction] [INFO] Payment type for next payment : MONTHLY\_ENTIRE\_BALANCE  
2023-11-19 23:24:51,030 [main] [INFO] Generating monthly activity data

2023-11-19 23:24:51,030 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,030 [Transaction] [INFO] Random generated number from 1 to 10 :  
1  
2023-11-19 23:24:51,030 [Transaction] [INFO] Next payment day : 1 for given payment  
type : MONTHLY\_ENTIRE\_BALANCE  
2023-11-19 23:24:51,031 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130901  
2023-11-19 23:24:51,031 [Transaction] [INFO] Available credit limit for the  
transaction : 10809.965444058445  
2023-11-19 23:24:51,031 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130901  
2023-11-19 23:24:51,031 [Transaction] [INFO] Random generated number from 1 to 10 :  
6  
2023-11-19 23:24:51,031 [Transaction] [INFO] Next payment day : 6 for given payment  
type : MONTHLY\_ENTIRE\_BALANCE  
2023-11-19 23:24:51,031 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130902  
2023-11-19 23:24:51,031 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,031 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,031 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:51,031 [Transaction] [INFO] Random purchase amount :  
12599.334162100473  
2023-11-19 23:24:51,031 [main] [INFO] Customer purchased an amount of  
12599.334162100473  
2023-11-19 23:24:51,031 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,031 [Transaction] [INFO] Interest to be added for the days :  
40.7676603158224  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130903  
2023-11-19 23:24:51,031 [Transaction] [INFO] Available credit limit for the  
transaction : 13043.235837899527  
2023-11-19 23:24:51,031 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,031 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130902  
2023-11-19 23:24:51,031 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130903  
2023-11-19 23:24:51,031 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,031 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130903  
2023-11-19 23:24:51,031 [Transaction] [INFO] Available credit limit for the  
transaction : 13002.468177583705  
2023-11-19 23:24:51,031 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130903  
2023-11-19 23:24:51,031 [Transaction] [INFO] Random generated number from 1 to 10 :  
6  
2023-11-19 23:24:51,031 [Transaction] [INFO] Next payment day : 6 for given payment  
type : MONTHLY\_ENTIRE\_BALANCE  
2023-11-19 23:24:51,031 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130904

2023-11-19 23:24:51,031 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,031 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,031 [Transaction] [INFO] Available cash advance for the  
transaction : 2564.257  
2023-11-19 23:24:51,031 [Transaction] [INFO] Random cash amount : 675.8868561183508  
2023-11-19 23:24:51,031 [main] [INFO] Customer has withdrawn cash of  
675.8868561183508  
2023-11-19 23:24:51,031 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,031 [Transaction] [INFO] Interest to be added for the days : -  
12.298071820595604  
2023-11-19 23:24:51,031 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130905  
2023-11-19 23:24:51,032 [Transaction] [INFO] Available credit limit for the  
transaction : 27159.185877406908  
2023-11-19 23:24:51,032 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130904  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130905  
2023-11-19 23:24:51,032 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,032 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,032 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130905  
2023-11-19 23:24:51,032 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,032 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,032 [Transaction] [INFO] Available credit limit for the  
transaction : 27171.483949227506  
2023-11-19 23:24:51,032 [Transaction] [INFO] Random purchase amount :  
23535.38771085581  
2023-11-19 23:24:51,032 [main] [INFO] Customer purchased an amount of  
23535.38771085581  
2023-11-19 23:24:51,032 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,032 [Transaction] [INFO] Interest to be added for the days :  
214.3109665014122  
2023-11-19 23:24:51,032 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130906  
2023-11-19 23:24:51,032 [Transaction] [INFO] Available credit limit for the  
transaction : 3636.096238371694  
2023-11-19 23:24:51,032 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130905  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000130906  
2023-11-19 23:24:51,032 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,032 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,032 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000130906  
2023-11-19 23:24:51,032 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,032 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE

2023-11-19 23:24:51,032 [Transaction] [INFO] Available credit limit for the transaction : 3421.7852718702816  
2023-11-19 23:24:51,032 [Transaction] [INFO] Random purchase amount : 2642.9504880632912  
2023-11-19 23:24:51,032 [main] [INFO] Customer purchased an amount of 2642.9504880632912  
2023-11-19 23:24:51,032 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,032 [Transaction] [INFO] Interest to be added for the days : 384.4703300303337  
2023-11-19 23:24:51,032 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130907  
2023-11-19 23:24:51,032 [Transaction] [INFO] Available credit limit for the transaction : 778.8347838069894  
2023-11-19 23:24:51,032 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130906  
2023-11-19 23:24:51,032 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130907  
2023-11-19 23:24:51,032 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,033 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130907  
2023-11-19 23:24:51,033 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [Transaction] [INFO] Available credit limit for the transaction : 394.36445377665586  
2023-11-19 23:24:51,033 [Transaction] [INFO] Random purchase amount : 83.22731052274746  
2023-11-19 23:24:51,033 [main] [INFO] Customer purchased an amount of 83.22731052274746  
2023-11-19 23:24:51,033 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,033 [Transaction] [INFO] Interest to be added for the days : 454.1014228705756  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130908  
2023-11-19 23:24:51,033 [Transaction] [INFO] Available credit limit for the transaction : 311.137143253909  
2023-11-19 23:24:51,033 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,033 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130907  
2023-11-19 23:24:51,033 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130908  
2023-11-19 23:24:51,033 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,033 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130908  
2023-11-19 23:24:51,033 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [Transaction] [INFO] Available credit limit for the transaction : -142.96427961666632  
2023-11-19 23:24:51,033 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,033 [Transaction] [INFO] Interest to be added for the days : 589.7397018161854  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130909  
2023-11-19 23:24:51,033 [Transaction] [INFO] Available credit limit for the transaction : -142.96427961666632  
2023-11-19 23:24:51,033 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,033 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130908  
2023-11-19 23:24:51,033 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130909  
2023-11-19 23:24:51,033 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,033 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130909  
2023-11-19 23:24:51,033 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,033 [Transaction] [INFO] Available credit limit for the transaction : -732.7039814328527  
2023-11-19 23:24:51,033 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,033 [Transaction] [INFO] Interest to be added for the days : 646.8395228132518  
2023-11-19 23:24:51,033 [Transaction] [INFO] Transaction has been created successfully. Id : 100000130910  
2023-11-19 23:24:51,034 [Transaction] [INFO] Available credit limit for the transaction : -732.7039814328527  
2023-11-19 23:24:51,034 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,034 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130909  
2023-11-19 23:24:51,034 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000130910  
2023-11-19 23:24:51,034 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,034 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 9  
2023-11-19 23:24:51,034 [main] [INFO] Generating account activity for month : 10  
2023-11-19 23:24:51,034 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,034 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,034 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,034 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,034 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:24:51,034 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131001  
2023-11-19 23:24:51,034 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,034 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,034 [Transaction] [INFO] Available credit limit for the transaction : -1379.543504246103  
2023-11-19 23:24:51,034 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,034 [Transaction] [INFO] Interest to be added for the days :



43.682413467792344

2023-11-19 23:24:51,034 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131002

2023-11-19 23:24:51,034 [Transaction] [INFO] Available credit limit for the transaction : -1379.543504246103

2023-11-19 23:24:51,034 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,034 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131001

2023-11-19 23:24:51,034 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131002

2023-11-19 23:24:51,034 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:24:51,034 [main] [INFO] Generating transaction for day : 4

2023-11-19 23:24:51,034 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131002

2023-11-19 23:24:51,034 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,034 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,034 [Transaction] [INFO] Available credit limit for the transaction : -1423.225917713895

2023-11-19 23:24:51,035 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,035 [Transaction] [INFO] Interest to be added for the days : 87.57678461055913

2023-11-19 23:24:51,035 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131003

2023-11-19 23:24:51,035 [Transaction] [INFO] Available credit limit for the transaction : -1423.225917713895

2023-11-19 23:24:51,035 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131002

2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131003

2023-11-19 23:24:51,035 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,035 [main] [INFO] Generating transaction for day : 7

2023-11-19 23:24:51,035 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131003

2023-11-19 23:24:51,035 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,035 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,035 [Transaction] [INFO] Available credit limit for the transaction : -1510.802702324454

2023-11-19 23:24:51,035 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,035 [Transaction] [INFO] Interest to be added for the days : 153.94178880747214

2023-11-19 23:24:51,035 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131004

2023-11-19 23:24:51,035 [Transaction] [INFO] Available credit limit for the transaction : -1510.802702324454

2023-11-19 23:24:51,035 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131003

2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131004

2023-11-19 23:24:51,035 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,035 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:24:51,035 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131004  
2023-11-19 23:24:51,035 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,035 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,035 [Transaction] [INFO] Available credit limit for the  
transaction : -1664.7444911319253  
2023-11-19 23:24:51,035 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,035 [Transaction] [INFO] Interest to be added for the days :  
310.5067720269649  
2023-11-19 23:24:51,035 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131005  
2023-11-19 23:24:51,035 [Transaction] [INFO] Available credit limit for the  
transaction : -1664.7444911319253  
2023-11-19 23:24:51,035 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131004  
2023-11-19 23:24:51,035 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131005  
2023-11-19 23:24:51,036 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,036 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,036 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131005  
2023-11-19 23:24:51,036 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [Transaction] [INFO] Available credit limit for the  
transaction : -1975.2512631588907  
2023-11-19 23:24:51,036 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,036 [Transaction] [INFO] Interest to be added for the days :  
336.6049024374507  
2023-11-19 23:24:51,036 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131006  
2023-11-19 23:24:51,036 [Transaction] [INFO] Available credit limit for the  
transaction : -1975.2512631588907  
2023-11-19 23:24:51,036 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,036 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131005  
2023-11-19 23:24:51,036 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131006  
2023-11-19 23:24:51,036 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,036 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:51,036 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131006  
2023-11-19 23:24:51,036 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [Transaction] [INFO] Available credit limit for the  
transaction : -2311.856165596342

2023-11-19 23:24:51,036 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,036 [Transaction] [INFO] Interest to be added for the days :  
386.4477349654938  
2023-11-19 23:24:51,036 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131007  
2023-11-19 23:24:51,036 [Transaction] [INFO] Available credit limit for the  
transaction : -2311.856165596342  
2023-11-19 23:24:51,036 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,036 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131006  
2023-11-19 23:24:51,036 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131007  
2023-11-19 23:24:51,036 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,036 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,036 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131007  
2023-11-19 23:24:51,036 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,036 [Transaction] [INFO] Available credit limit for the  
transaction : -2698.3039005618375  
2023-11-19 23:24:51,036 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,036 [Transaction] [INFO] Interest to be added for the days :  
554.685400913787  
2023-11-19 23:24:51,037 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131008  
2023-11-19 23:24:51,037 [Transaction] [INFO] Available credit limit for the  
transaction : -2698.3039005618375  
2023-11-19 23:24:51,037 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131007  
2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131008  
2023-11-19 23:24:51,037 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,037 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,037 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131008  
2023-11-19 23:24:51,037 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,037 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,037 [Transaction] [INFO] Available credit limit for the  
transaction : -3252.9893014756235  
2023-11-19 23:24:51,037 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,037 [Transaction] [INFO] Interest to be added for the days :  
660.8689330022861  
2023-11-19 23:24:51,037 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131009  
2023-11-19 23:24:51,037 [Transaction] [INFO] Available credit limit for the  
transaction : -3252.9893014756235  
2023-11-19 23:24:51,037 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131008

2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131009  
2023-11-19 23:24:51,037 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 10  
2023-11-19 23:24:51,037 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:24:51,037 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:24:51,037 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,037 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,037 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,037 [Transaction] [INFO] Next payment day : 1 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,037 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:51,037 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131101  
2023-11-19 23:24:51,037 [Transaction] [INFO] Available credit limit for the transaction : -3913.8582344779097  
2023-11-19 23:24:51,037 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131101  
2023-11-19 23:24:51,037 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,037 [Transaction] [INFO] Next payment day : 8 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,037 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,037 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131102  
2023-11-19 23:24:51,037 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,037 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,038 [Transaction] [INFO] Available credit limit for the transaction : 25642.57  
2023-11-19 23:24:51,038 [Transaction] [INFO] Random purchase amount : 13439.600510464443  
2023-11-19 23:24:51,038 [main] [INFO] Customer purchased an amount of 13439.600510464443  
2023-11-19 23:24:51,038 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,038 [Transaction] [INFO] Interest to be added for the days : 54.380105303339846  
2023-11-19 23:24:51,038 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131103  
2023-11-19 23:24:51,038 [Transaction] [INFO] Available credit limit for the transaction : 12202.969489535557  
2023-11-19 23:24:51,038 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,038 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131102  
2023-11-19 23:24:51,038 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131103  
2023-11-19 23:24:51,038 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,038 [main] [INFO] Generating payment transaction for day : 8  
2023-11-19 23:24:51,038 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131103  
2023-11-19 23:24:51,038 [Transaction] [INFO] Available credit limit for the

transaction : 12148.589384232217  
2023-11-19 23:24:51,038 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131103  
2023-11-19 23:24:51,038 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,038 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,038 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,038 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131104  
2023-11-19 23:24:51,038 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,038 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,038 [Transaction] [INFO] Available credit limit for the  
transaction : 25642.57  
2023-11-19 23:24:51,038 [Transaction] [INFO] Random purchase amount :  
21680.25290034133  
2023-11-19 23:24:51,038 [main] [INFO] Customer purchased an amount of  
21680.25290034133  
2023-11-19 23:24:51,038 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,038 [Transaction] [INFO] Interest to be added for the days :  
193.46128847464044  
2023-11-19 23:24:51,038 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131105  
2023-11-19 23:24:51,038 [Transaction] [INFO] Available credit limit for the  
transaction : 3962.3170996586705  
2023-11-19 23:24:51,038 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,038 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131104  
2023-11-19 23:24:51,039 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131105  
2023-11-19 23:24:51,039 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,039 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:51,039 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131105  
2023-11-19 23:24:51,039 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,039 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,039 [Transaction] [INFO] Available credit limit for the  
transaction : 3768.8558111840284  
2023-11-19 23:24:51,039 [Transaction] [INFO] Random purchase amount :  
3354.700966019842  
2023-11-19 23:24:51,039 [main] [INFO] Customer purchased an amount of  
3354.700966019842  
2023-11-19 23:24:51,039 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,039 [Transaction] [INFO] Interest to be added for the days :  
266.26965720478745  
2023-11-19 23:24:51,039 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131106  
2023-11-19 23:24:51,039 [Transaction] [INFO] Available credit limit for the  
transaction : 414.15484516418655  
2023-11-19 23:24:51,039 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,039 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131105

2023-11-19 23:24:51,039 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131106  
2023-11-19 23:24:51,039 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,039 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:51,039 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131106  
2023-11-19 23:24:51,039 [Transaction] [INFO] Available credit limit for the transaction : 147.88518795940035  
2023-11-19 23:24:51,039 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131106  
2023-11-19 23:24:51,039 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,039 [Transaction] [INFO] Next payment day : 15 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,039 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:51,039 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131107  
2023-11-19 23:24:51,039 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,039 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,039 [Transaction] [INFO] Available credit limit for the transaction : 25642.57  
2023-11-19 23:24:51,039 [Transaction] [INFO] Random purchase amount : 24022.746360986846  
2023-11-19 23:24:51,039 [main] [INFO] Customer purchased an amount of 24022.746360986846  
2023-11-19 23:24:51,040 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,040 [Transaction] [INFO] Interest to be added for the days : 312.4338927514585  
2023-11-19 23:24:51,040 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131108  
2023-11-19 23:24:51,040 [Transaction] [INFO] Available credit limit for the transaction : 1619.8236390131533  
2023-11-19 23:24:51,040 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,040 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131107  
2023-11-19 23:24:51,040 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131108  
2023-11-19 23:24:51,040 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,040 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,040 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131108  
2023-11-19 23:24:51,040 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,040 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,040 [Transaction] [INFO] Available credit limit for the transaction : 1307.389746261695  
2023-11-19 23:24:51,040 [Transaction] [INFO] Random purchase amount : 1200.2111770824984  
2023-11-19 23:24:51,040 [main] [INFO] Customer purchased an amount of 1200.2111770824984  
2023-11-19 23:24:51,040 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,040 [Transaction] [INFO] Interest to be added for the days : 457.757666053413

2023-11-19 23:24:51,040 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131109  
2023-11-19 23:24:51,040 [Transaction] [INFO] Available credit limit for the transaction : 107.17856917919562  
2023-11-19 23:24:51,040 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,040 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131108  
2023-11-19 23:24:51,040 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131109  
2023-11-19 23:24:51,040 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,041 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:51,041 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131109  
2023-11-19 23:24:51,041 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [Transaction] [INFO] Available credit limit for the transaction : -350.5790968742185  
2023-11-19 23:24:51,041 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,041 [Transaction] [INFO] Interest to be added for the days : 551.5773535368661  
2023-11-19 23:24:51,041 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131110  
2023-11-19 23:24:51,041 [Transaction] [INFO] Available credit limit for the transaction : -350.5790968742185  
2023-11-19 23:24:51,041 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,041 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131109  
2023-11-19 23:24:51,041 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131110  
2023-11-19 23:24:51,041 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,041 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,041 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131110  
2023-11-19 23:24:51,041 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [Transaction] [INFO] Available credit limit for the transaction : -902.1564504110829  
2023-11-19 23:24:51,041 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,041 [Transaction] [INFO] Interest to be added for the days : 607.1031490719364  
2023-11-19 23:24:51,041 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131111  
2023-11-19 23:24:51,041 [Transaction] [INFO] Available credit limit for the transaction : -902.1564504110829  
2023-11-19 23:24:51,041 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,041 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131110  
2023-11-19 23:24:51,041 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131111  
2023-11-19 23:24:51,041 [Transaction] [INFO] Random generated number from 1 to 7 :

1

2023-11-19 23:24:51,041 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:51,041 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131111  
2023-11-19 23:24:51,041 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,041 [Transaction] [INFO] Available credit limit for the  
transaction : -1509.259599483019  
2023-11-19 23:24:51,041 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,042 [Transaction] [INFO] Interest to be added for the days :  
643.4270906646559  
2023-11-19 23:24:51,042 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131112  
2023-11-19 23:24:51,042 [Transaction] [INFO] Available credit limit for the  
transaction : -1509.259599483019  
2023-11-19 23:24:51,042 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,042 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131111  
2023-11-19 23:24:51,042 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131112  
2023-11-19 23:24:51,042 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,042 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000013, month : 11  
2023-11-19 23:24:51,042 [main] [INFO] Generating account activity for month : 12  
2023-11-19 23:24:51,042 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,042 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,042 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,042 [Transaction] [INFO] Random generated number from 1 to 10 :  
10  
2023-11-19 23:24:51,042 [Transaction] [INFO] Next payment day : 10 for given  
payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,042 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,042 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131201  
2023-11-19 23:24:51,042 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,042 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,042 [Transaction] [INFO] Available cash advance for the  
transaction : -2152.686690147675  
2023-11-19 23:24:51,042 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,042 [Transaction] [INFO] Interest to be added for the days :  
112.46680915602286  
2023-11-19 23:24:51,042 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131202  
2023-11-19 23:24:51,042 [Transaction] [INFO] Available credit limit for the  
transaction : -2152.686690147675  
2023-11-19 23:24:51,042 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,042 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131201  
2023-11-19 23:24:51,042 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131202



2023-11-19 23:24:51,042 [Transaction] [INFO] Random generated number from 1 to 7 :  
 3  
 2023-11-19 23:24:51,042 [main] [INFO] Generating transaction for day : 8  
 2023-11-19 23:24:51,042 [Transaction] [INFO] Transaction has been created  
 successfully. Id : 100000131202  
 2023-11-19 23:24:51,042 [Transaction] [INFO] Type of the transaction :  
 TransactionType.PURCHASE  
 2023-11-19 23:24:51,042 [main] [INFO] Current transaction type is  
 TransactionType.PURCHASE  
 2023-11-19 23:24:51,042 [Transaction] [INFO] Available credit limit for the  
 transaction : -2265.1534993036985  
 2023-11-19 23:24:51,042 [main] [INFO] Calculate the interest to be added  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Interest to be added for the days :  
 180.89420561173  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
 successfully. Id : 100000131203  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
 transaction : -2265.1534993036985  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Interest transaction has been created  
 successfully.  
 2023-11-19 23:24:51,043 [Account] [INFO] Converting from Transaction object to list  
 to store for transaction : 100000131202  
 2023-11-19 23:24:51,043 [Account] [INFO] Converting from Transaction object to list  
 to store for transaction : 100000131203  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Random generated number from 1 to 7 :  
 1  
 2023-11-19 23:24:51,043 [main] [INFO] Generating transaction for day : 9  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
 successfully. Id : 100000131203  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Type of the transaction :  
 TransactionType.PURCHASE  
 2023-11-19 23:24:51,043 [main] [INFO] Current transaction type is  
 TransactionType.PURCHASE  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
 transaction : -2446.0477049154288  
 2023-11-19 23:24:51,043 [main] [INFO] Calculate the interest to be added  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Interest to be added for the days :  
 204.9079020924963  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
 successfully. Id : 100000131204  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
 transaction : -2446.0477049154288  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Interest transaction has been created  
 successfully.  
 2023-11-19 23:24:51,043 [Account] [INFO] Converting from Transaction object to list  
 to store for transaction : 100000131203  
 2023-11-19 23:24:51,043 [Account] [INFO] Converting from Transaction object to list  
 to store for transaction : 100000131204  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Random generated number from 1 to 7 :  
 2  
 2023-11-19 23:24:51,043 [main] [INFO] Generating payment transaction for day : 10  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
 successfully. Id : 100000131204  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
 transaction : -2650.9556070079234  
 2023-11-19 23:24:51,043 [Account] [INFO] Converting from Transaction object to list  
 to store for transaction : 100000131204  
 2023-11-19 23:24:51,043 [Transaction] [INFO] Random generated number from 1 to 10 :  
 10

2023-11-19 23:24:51,043 [Transaction] [INFO] Next payment day : 10 for given  
payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,043 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131205  
2023-11-19 23:24:51,043 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,043 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
transaction : 128.57006200684555  
2023-11-19 23:24:51,043 [Transaction] [INFO] Random purchase amount :  
13.713653373914529  
2023-11-19 23:24:51,043 [main] [INFO] Customer purchased an amount of  
13.713653373914529  
2023-11-19 23:24:51,043 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,043 [Transaction] [INFO] Interest to be added for the days :  
227.7936694695896  
2023-11-19 23:24:51,043 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131206  
2023-11-19 23:24:51,043 [Transaction] [INFO] Available credit limit for the  
transaction : 114.85640863293156  
2023-11-19 23:24:51,043 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131205  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131206  
2023-11-19 23:24:51,044 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,044 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,044 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131206  
2023-11-19 23:24:51,044 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,044 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,044 [Transaction] [INFO] Available credit limit for the  
transaction : -112.93726083665752  
2023-11-19 23:24:51,044 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,044 [Transaction] [INFO] Interest to be added for the days :  
377.1461349451656  
2023-11-19 23:24:51,044 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131207  
2023-11-19 23:24:51,044 [Transaction] [INFO] Available credit limit for the  
transaction : -112.93726083665752  
2023-11-19 23:24:51,044 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131206  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131207  
2023-11-19 23:24:51,044 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,044 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,044 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131207  
2023-11-19 23:24:51,044 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:24:51,044 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,044 [Transaction] [INFO] Available credit limit for the  
transaction : -490.08339578182495  
2023-11-19 23:24:51,044 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,044 [Transaction] [INFO] Interest to be added for the days :  
404.0917339363032  
2023-11-19 23:24:51,044 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131208  
2023-11-19 23:24:51,044 [Transaction] [INFO] Available credit limit for the  
transaction : -490.08339578182495  
2023-11-19 23:24:51,044 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131207  
2023-11-19 23:24:51,044 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131208  
2023-11-19 23:24:51,044 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,044 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,044 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131208  
2023-11-19 23:24:51,044 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,044 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,044 [Transaction] [INFO] Available credit limit for the  
transaction : -894.175129718129  
2023-11-19 23:24:51,045 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,045 [Transaction] [INFO] Interest to be added for the days :  
475.70833398591776  
2023-11-19 23:24:51,045 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131209  
2023-11-19 23:24:51,045 [Transaction] [INFO] Available credit limit for the  
transaction : -894.175129718129  
2023-11-19 23:24:51,045 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131208  
2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000131209  
2023-11-19 23:24:51,045 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,045 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,045 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131209  
2023-11-19 23:24:51,045 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,045 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,045 [Transaction] [INFO] Available credit limit for the  
transaction : -1369.8834637040454  
2023-11-19 23:24:51,045 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,045 [Transaction] [INFO] Interest to be added for the days :  
617.8005108702068  
2023-11-19 23:24:51,045 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000131210  
2023-11-19 23:24:51,045 [Transaction] [INFO] Available credit limit for the  
transaction : -1369.8834637040454

2023-11-19 23:24:51,045 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131209

2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131210

2023-11-19 23:24:51,045 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,045 [main] [INFO] Generating transaction for day : 29

2023-11-19 23:24:51,045 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131210

2023-11-19 23:24:51,045 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,045 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,045 [Transaction] [INFO] Available credit limit for the transaction : -1987.683974574251

2023-11-19 23:24:51,045 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,045 [Transaction] [INFO] Interest to be added for the days : 654.7644925380777

2023-11-19 23:24:51,045 [Transaction] [INFO] Transaction has been created successfully. Id : 100000131211

2023-11-19 23:24:51,045 [Transaction] [INFO] Available credit limit for the transaction : -1987.683974574251

2023-11-19 23:24:51,045 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131210

2023-11-19 23:24:51,045 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000131211

2023-11-19 23:24:51,045 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:24:51,046 [Account] [INFO] Converting from Transaction object to list to store for account : 10000013, month : 12

2023-11-19 23:24:51,046 [main] [INFO] Generating account activity for account : 10000014

2023-11-19 23:24:51,046 [main] [INFO] Generating account activity for month : 1

2023-11-19 23:24:51,046 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE

2023-11-19 23:24:51,046 [main] [INFO] Generating monthly activity data

2023-11-19 23:24:51,046 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:24:51,046 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE

2023-11-19 23:24:51,046 [main] [INFO] Generating transaction for day : 6

2023-11-19 23:24:51,046 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140101

2023-11-19 23:24:51,046 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,046 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,046 [Transaction] [INFO] Available credit limit for the transaction : 10679.6

2023-11-19 23:24:51,046 [Transaction] [INFO] Random purchase amount : 6796.933531279929

2023-11-19 23:24:51,046 [main] [INFO] Customer purchased an amount of 6796.933531279929

2023-11-19 23:24:51,046 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,046 [Transaction] [INFO] Interest to be added for the days :

27.072407427640776

2023-11-19 23:24:51,046 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140102

2023-11-19 23:24:51,046 [Transaction] [INFO] Available credit limit for the transaction : 3882.666468720071

2023-11-19 23:24:51,046 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,046 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140101

2023-11-19 23:24:51,046 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140102

2023-11-19 23:24:51,046 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:51,046 [main] [INFO] Generating transaction for day : 11

2023-11-19 23:24:51,046 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140102

2023-11-19 23:24:51,046 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,046 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,046 [Transaction] [INFO] Available credit limit for the transaction : 3855.5940612924305

2023-11-19 23:24:51,046 [Transaction] [INFO] Random purchase amount : 2444.427481811748

2023-11-19 23:24:51,046 [main] [INFO] Customer purchased an amount of 2444.427481811748

2023-11-19 23:24:51,046 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,046 [Transaction] [INFO] Interest to be added for the days : 67.79249552156998

2023-11-19 23:24:51,047 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140103

2023-11-19 23:24:51,047 [Transaction] [INFO] Available credit limit for the transaction : 1411.1665794806831

2023-11-19 23:24:51,047 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,047 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140102

2023-11-19 23:24:51,047 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140103

2023-11-19 23:24:51,047 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:51,047 [main] [INFO] Generating transaction for day : 18

2023-11-19 23:24:51,047 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140103

2023-11-19 23:24:51,047 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,047 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,047 [Transaction] [INFO] Available credit limit for the transaction : 1343.3740839591137

2023-11-19 23:24:51,047 [Transaction] [INFO] Random purchase amount : 368.1014153257002

2023-11-19 23:24:51,047 [main] [INFO] Customer purchased an amount of 368.1014153257002

2023-11-19 23:24:51,047 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,047 [Transaction] [INFO] Interest to be added for the days : 116.42043213375685

2023-11-19 23:24:51,047 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140104

2023-11-19 23:24:51,047 [Transaction] [INFO] Available credit limit for the transaction : 975.2726686334136  
2023-11-19 23:24:51,047 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,047 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140103  
2023-11-19 23:24:51,047 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140104  
2023-11-19 23:24:51,047 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,047 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,047 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140104  
2023-11-19 23:24:51,047 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,047 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,047 [Transaction] [INFO] Available credit limit for the transaction : 858.852236499657  
2023-11-19 23:24:51,047 [Transaction] [INFO] Random purchase amount : 514.9456800534906  
2023-11-19 23:24:51,047 [main] [INFO] Customer purchased an amount of 514.9456800534906  
2023-11-19 23:24:51,047 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,047 [Transaction] [INFO] Interest to be added for the days : 151.75055702690946  
2023-11-19 23:24:51,047 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140105  
2023-11-19 23:24:51,047 [Transaction] [INFO] Available credit limit for the transaction : 343.9065564461671  
2023-11-19 23:24:51,047 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,048 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140104  
2023-11-19 23:24:51,048 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140105  
2023-11-19 23:24:51,048 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,048 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:51,048 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140105  
2023-11-19 23:24:51,048 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,048 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,048 [Transaction] [INFO] Available credit limit for the transaction : 192.15599941925757  
2023-11-19 23:24:51,048 [Transaction] [INFO] Random purchase amount : 86.50702624734595  
2023-11-19 23:24:51,048 [main] [INFO] Customer purchased an amount of 86.50702624734595  
2023-11-19 23:24:51,048 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,048 [Transaction] [INFO] Interest to be added for the days : 176.5948401463505  
2023-11-19 23:24:51,048 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140106  
2023-11-19 23:24:51,048 [Transaction] [INFO] Available credit limit for the transaction : 105.64897317191208  
2023-11-19 23:24:51,048 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:51,048 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140105

2023-11-19 23:24:51,048 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140106

2023-11-19 23:24:51,048 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,048 [main] [INFO] Generating transaction for day : 26

2023-11-19 23:24:51,048 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140106

2023-11-19 23:24:51,048 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,048 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,048 [Transaction] [INFO] Available credit limit for the transaction : -70.9458669744381

2023-11-19 23:24:51,048 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,049 [Transaction] [INFO] Interest to be added for the days : 186.78794347031877

2023-11-19 23:24:51,049 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140107

2023-11-19 23:24:51,049 [Transaction] [INFO] Available credit limit for the transaction : -70.9458669744381

2023-11-19 23:24:51,049 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140106

2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140107

2023-11-19 23:24:51,049 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,049 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:24:51,049 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140107

2023-11-19 23:24:51,049 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,049 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,049 [Transaction] [INFO] Available credit limit for the transaction : -257.7338104447572

2023-11-19 23:24:51,049 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,049 [Transaction] [INFO] Interest to be added for the days : 197.40788374947087

2023-11-19 23:24:51,049 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140108

2023-11-19 23:24:51,049 [Transaction] [INFO] Available credit limit for the transaction : -257.7338104447572

2023-11-19 23:24:51,049 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140107

2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140108

2023-11-19 23:24:51,049 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:51,049 [main] [INFO] Generating transaction for day : 31

2023-11-19 23:24:51,049 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140108

2023-11-19 23:24:51,049 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:51,049 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,049 [Transaction] [INFO] Available credit limit for the  
transaction : -455.14169419422797  
2023-11-19 23:24:51,049 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,049 [Transaction] [INFO] Interest to be added for the days :  
231.05129259439445  
2023-11-19 23:24:51,049 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140109  
2023-11-19 23:24:51,049 [Transaction] [INFO] Available credit limit for the  
transaction : -455.14169419422797  
2023-11-19 23:24:51,049 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140108  
2023-11-19 23:24:51,049 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140109  
2023-11-19 23:24:51,050 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,050 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 1  
2023-11-19 23:24:51,050 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:24:51,050 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,050 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,050 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,050 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,050 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,050 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140201  
2023-11-19 23:24:51,050 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,050 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,050 [Transaction] [INFO] Available credit limit for the  
transaction : -686.1929867886229  
2023-11-19 23:24:51,050 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,050 [Transaction] [INFO] Interest to be added for the days :  
37.71276703080579  
2023-11-19 23:24:51,050 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140202  
2023-11-19 23:24:51,050 [Transaction] [INFO] Available credit limit for the  
transaction : -686.1929867886229  
2023-11-19 23:24:51,050 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,050 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140201  
2023-11-19 23:24:51,050 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140202  
2023-11-19 23:24:51,050 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,050 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,050 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140202  
2023-11-19 23:24:51,050 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE



2023-11-19 23:24:51,050 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,050 [Transaction] [INFO] Available cash advance for the  
transaction : -723.9057538194284  
2023-11-19 23:24:51,050 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,050 [Transaction] [INFO] Interest to be added for the days :  
91.02198044305933  
2023-11-19 23:24:51,050 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140203  
2023-11-19 23:24:51,050 [Transaction] [INFO] Available credit limit for the  
transaction : -723.9057538194284  
2023-11-19 23:24:51,050 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,050 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140202  
2023-11-19 23:24:51,050 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140203  
2023-11-19 23:24:51,050 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,051 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,051 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140203  
2023-11-19 23:24:51,051 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,051 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,051 [Transaction] [INFO] Available credit limit for the  
transaction : -814.9277342624882  
2023-11-19 23:24:51,051 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,051 [Transaction] [INFO] Interest to be added for the days :  
137.89702679040235  
2023-11-19 23:24:51,051 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140204  
2023-11-19 23:24:51,051 [Transaction] [INFO] Available credit limit for the  
transaction : -814.9277342624882  
2023-11-19 23:24:51,051 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,051 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140203  
2023-11-19 23:24:51,051 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140204  
2023-11-19 23:24:51,051 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,051 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,051 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140204  
2023-11-19 23:24:51,051 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,051 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,051 [Transaction] [INFO] Available credit limit for the  
transaction : -952.8247610528906  
2023-11-19 23:24:51,051 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,051 [Transaction] [INFO] Interest to be added for the days :  
162.97212724388967  
2023-11-19 23:24:51,051 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140205  
2023-11-19 23:24:51,051 [Transaction] [INFO] Available credit limit for the  
transaction : -952.8247610528906

2023-11-19 23:24:51,051 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,051 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140204

2023-11-19 23:24:51,051 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140205

2023-11-19 23:24:51,051 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:51,051 [main] [INFO] Generating transaction for day : 26

2023-11-19 23:24:51,051 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140205

2023-11-19 23:24:51,051 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,051 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,051 [Transaction] [INFO] Available credit limit for the transaction : -1115.7968882967798

2023-11-19 23:24:51,051 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,051 [Transaction] [INFO] Interest to be added for the days : 204.94195871015964

2023-11-19 23:24:51,052 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140206

2023-11-19 23:24:51,052 [Transaction] [INFO] Available credit limit for the transaction : -1115.7968882967798

2023-11-19 23:24:51,052 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,052 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140205

2023-11-19 23:24:51,052 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140206

2023-11-19 23:24:51,052 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:51,052 [Account] [INFO] Converting from Transaction object to list to store for account : 10000014, month : 2

2023-11-19 23:24:51,052 [main] [INFO] Generating account activity for month : 3

2023-11-19 23:24:51,052 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE

2023-11-19 23:24:51,052 [main] [INFO] Generating monthly activity data

2023-11-19 23:24:51,052 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,052 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE

2023-11-19 23:24:51,052 [main] [INFO] Generating transaction for day : 1

2023-11-19 23:24:51,052 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140301

2023-11-19 23:24:51,052 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,052 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,052 [Transaction] [INFO] Available credit limit for the transaction : -1320.73884700694

2023-11-19 23:24:51,052 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,052 [Transaction] [INFO] Interest to be added for the days : 7.953101279702349

2023-11-19 23:24:51,052 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140302

2023-11-19 23:24:51,052 [Transaction] [INFO] Available credit limit for the transaction : -1320.73884700694

2023-11-19 23:24:51,052 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:24:51,052 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140301

2023-11-19 23:24:51,052 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140302

2023-11-19 23:24:51,052 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,052 [main] [INFO] Generating transaction for day : 4

2023-11-19 23:24:51,052 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140302

2023-11-19 23:24:51,052 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,052 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,052 [Transaction] [INFO] Available credit limit for the transaction : -1328.6919482866415

2023-11-19 23:24:51,052 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,052 [Transaction] [INFO] Interest to be added for the days : 31.865148423942184

2023-11-19 23:24:51,052 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140303

2023-11-19 23:24:51,053 [Transaction] [INFO] Available credit limit for the transaction : -1328.6919482866415

2023-11-19 23:24:51,053 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,053 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140302

2023-11-19 23:24:51,053 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140303

2023-11-19 23:24:51,053 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:51,053 [main] [INFO] Generating transaction for day : 8

2023-11-19 23:24:51,053 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140303

2023-11-19 23:24:51,053 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,053 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,053 [Transaction] [INFO] Available credit limit for the transaction : -1360.5570967105832

2023-11-19 23:24:51,053 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,053 [Transaction] [INFO] Interest to be added for the days : 63.98419286353008

2023-11-19 23:24:51,053 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140304

2023-11-19 23:24:51,053 [Transaction] [INFO] Available credit limit for the transaction : -1360.5570967105832

2023-11-19 23:24:51,053 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,053 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140303

2023-11-19 23:24:51,053 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140304

2023-11-19 23:24:51,054 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,054 [main] [INFO] Generating transaction for day : 11

2023-11-19 23:24:51,054 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140304

2023-11-19 23:24:51,054 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:51,054 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,054 [Transaction] [INFO] Available credit limit for the  
transaction : -1424.5412895741138  
2023-11-19 23:24:51,054 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,055 [Transaction] [INFO] Interest to be added for the days :  
88.5338338137327  
2023-11-19 23:24:51,055 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140305  
2023-11-19 23:24:51,055 [Transaction] [INFO] Available credit limit for the  
transaction : -1424.5412895741138  
2023-11-19 23:24:51,055 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,055 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140304  
2023-11-19 23:24:51,055 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140305  
2023-11-19 23:24:51,055 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,055 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,055 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140305  
2023-11-19 23:24:51,055 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,055 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,055 [Transaction] [INFO] Available credit limit for the  
transaction : -1513.0751233878473  
2023-11-19 23:24:51,056 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,057 [Transaction] [INFO] Interest to be added for the days :  
121.77247871493627  
2023-11-19 23:24:51,057 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140306  
2023-11-19 23:24:51,057 [Transaction] [INFO] Available credit limit for the  
transaction : -1513.0751233878473  
2023-11-19 23:24:51,057 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,057 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140305  
2023-11-19 23:24:51,057 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140306  
2023-11-19 23:24:51,058 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,058 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,058 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140306  
2023-11-19 23:24:51,058 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,058 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,060 [Transaction] [INFO] Available credit limit for the  
transaction : -1634.8476021027836  
2023-11-19 23:24:51,060 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,060 [Transaction] [INFO] Interest to be added for the days :  
147.73340411667888  
2023-11-19 23:24:51,060 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140307  
2023-11-19 23:24:51,060 [Transaction] [INFO] Available credit limit for the

transaction : -1634.8476021027836  
2023-11-19 23:24:51,061 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,061 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140306  
2023-11-19 23:24:51,061 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140307  
2023-11-19 23:24:51,061 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,061 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,061 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140307  
2023-11-19 23:24:51,061 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,061 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,061 [Transaction] [INFO] Available credit limit for the transaction : -1782.5810062194632  
2023-11-19 23:24:51,061 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,061 [Transaction] [INFO] Interest to be added for the days : 174.5971446539708  
2023-11-19 23:24:51,061 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140308  
2023-11-19 23:24:51,061 [Transaction] [INFO] Available credit limit for the transaction : -1782.5810062194632  
2023-11-19 23:24:51,061 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,061 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140307  
2023-11-19 23:24:51,062 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140308  
2023-11-19 23:24:51,062 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,062 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:51,062 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140308  
2023-11-19 23:24:51,062 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,063 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,063 [Transaction] [INFO] Available credit limit for the transaction : -1957.1781508734348  
2023-11-19 23:24:51,063 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,063 [Transaction] [INFO] Interest to be added for the days : 228.08114622900365  
2023-11-19 23:24:51,064 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140309  
2023-11-19 23:24:51,064 [Transaction] [INFO] Available credit limit for the transaction : -1957.1781508734348  
2023-11-19 23:24:51,064 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,064 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140308  
2023-11-19 23:24:51,064 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140309  
2023-11-19 23:24:51,064 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,064 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:51,064 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000140309  
2023-11-19 23:24:51,064 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,064 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,064 [Transaction] [INFO] Available credit limit for the  
transaction : -2185.2592971024387  
2023-11-19 23:24:51,064 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,064 [Transaction] [INFO] Interest to be added for the days :  
266.95207228654385  
2023-11-19 23:24:51,065 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140310  
2023-11-19 23:24:51,065 [Transaction] [INFO] Available credit limit for the  
transaction : -2185.2592971024387  
2023-11-19 23:24:51,065 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,065 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140309  
2023-11-19 23:24:51,065 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140310  
2023-11-19 23:24:51,065 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,065 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 3  
2023-11-19 23:24:51,065 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:24:51,065 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,065 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,066 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,066 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,066 [Transaction] [INFO] Next payment day : 2 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,066 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:24:51,066 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140401  
2023-11-19 23:24:51,066 [Transaction] [INFO] Available credit limit for the  
transaction : -2452.2113693889823  
2023-11-19 23:24:51,066 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8922749723770641  
2023-11-19 23:24:51,066 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140401  
2023-11-19 23:24:51,066 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,066 [Transaction] [INFO] Next payment day : 8 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,066 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,066 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140402  
2023-11-19 23:24:51,066 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,066 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,066 [Transaction] [INFO] Available credit limit for the  
transaction : 9264.975257493388  
2023-11-19 23:24:51,066 [Transaction] [INFO] Random purchase amount :  
533.6787504291175  
2023-11-19 23:24:51,066 [main] [INFO] Customer purchased an amount of

533.6787504291175

2023-11-19 23:24:51,066 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,067 [Transaction] [INFO] Interest to be added for the days :

9.056517297182246

2023-11-19 23:24:51,067 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140403

2023-11-19 23:24:51,067 [Transaction] [INFO] Available credit limit for the transaction : 8731.296507064271

2023-11-19 23:24:51,067 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,067 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140402

2023-11-19 23:24:51,067 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140403

2023-11-19 23:24:51,067 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:24:51,067 [main] [INFO] Generating payment transaction for day : 8

2023-11-19 23:24:51,067 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140403

2023-11-19 23:24:51,067 [Transaction] [INFO] Available credit limit for the transaction : 8722.23998976709

2023-11-19 23:24:51,067 [Transaction] [INFO] Random portion from 0 to 1 : 0.3650216092592711

2023-11-19 23:24:51,067 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140403

2023-11-19 23:24:51,067 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:51,067 [Transaction] [INFO] Next payment day : 13 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,067 [main] [INFO] Generating payment transaction for day : 13

2023-11-19 23:24:51,067 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140404

2023-11-19 23:24:51,068 [Transaction] [INFO] Available credit limit for the transaction : 9436.718690602049

2023-11-19 23:24:51,068 [Transaction] [INFO] Random portion from 0 to 1 : 0.3477326359330646

2023-11-19 23:24:51,068 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140404

2023-11-19 23:24:51,068 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,068 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,068 [main] [INFO] Generating transaction for day : 14

2023-11-19 23:24:51,068 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140405

2023-11-19 23:24:51,068 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,068 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,068 [Transaction] [INFO] Available credit limit for the transaction : 9868.909084470937

2023-11-19 23:24:51,068 [Transaction] [INFO] Random purchase amount : 6714.895440066584

2023-11-19 23:24:51,068 [main] [INFO] Customer purchased an amount of 6714.895440066584

2023-11-19 23:24:51,068 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,068 [Transaction] [INFO] Interest to be added for the days : 70.12666241099768

2023-11-19 23:24:51,068 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000140406  
2023-11-19 23:24:51,068 [Transaction] [INFO] Available credit limit for the transaction : 3154.013644404353  
2023-11-19 23:24:51,069 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,069 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140405  
2023-11-19 23:24:51,069 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140406  
2023-11-19 23:24:51,069 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,069 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:51,069 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140406  
2023-11-19 23:24:51,069 [Transaction] [INFO] Available credit limit for the transaction : 3083.886981993355  
2023-11-19 23:24:51,069 [Transaction] [INFO] Random portion from 0 to 1 : 0.8862127988753743  
2023-11-19 23:24:51,069 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140406  
2023-11-19 23:24:51,069 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,069 [Transaction] [INFO] Next payment day : 19 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,069 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,069 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140407  
2023-11-19 23:24:51,069 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,069 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,069 [Transaction] [INFO] Available credit limit for the transaction : 9815.30507513514  
2023-11-19 23:24:51,069 [Transaction] [INFO] Random purchase amount : 1827.2241327665897  
2023-11-19 23:24:51,069 [main] [INFO] Customer purchased an amount of 1827.2241327665897  
2023-11-19 23:24:51,070 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,070 [Transaction] [INFO] Interest to be added for the days : 26.881135094592914  
2023-11-19 23:24:51,070 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140408  
2023-11-19 23:24:51,070 [Transaction] [INFO] Available credit limit for the transaction : 7988.0809423685505  
2023-11-19 23:24:51,070 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,070 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140407  
2023-11-19 23:24:51,070 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140408  
2023-11-19 23:24:51,070 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,070 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:24:51,070 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140408  
2023-11-19 23:24:51,070 [Transaction] [INFO] Available credit limit for the transaction : 7961.199807273957  
2023-11-19 23:24:51,070 [Transaction] [INFO] Random portion from 0 to 1 : 0.40170356681480257



2023-11-19 23:24:51,070 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140408  
2023-11-19 23:24:51,070 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,070 [Transaction] [INFO] Next payment day : 20 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,070 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:24:51,070 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140409  
2023-11-19 23:24:51,070 [Transaction] [INFO] Available credit limit for the transaction : 9053.190860722056  
2023-11-19 23:24:51,071 [Transaction] [INFO] Random portion from 0 to 1 : 0.5077965057317108  
2023-11-19 23:24:51,071 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140409  
2023-11-19 23:24:51,071 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,071 [Transaction] [INFO] Next payment day : 25 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,071 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,071 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140410  
2023-11-19 23:24:51,071 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,071 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,071 [Transaction] [INFO] Available credit limit for the transaction : 9879.075738537515  
2023-11-19 23:24:51,071 [Transaction] [INFO] Random purchase amount : 1336.1559731064742  
2023-11-19 23:24:51,071 [main] [INFO] Customer purchased an amount of 1336.1559731064742  
2023-11-19 23:24:51,071 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,071 [Transaction] [INFO] Interest to be added for the days : 31.371133205043993  
2023-11-19 23:24:51,071 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140411  
2023-11-19 23:24:51,071 [Transaction] [INFO] Available credit limit for the transaction : 8542.919765431041  
2023-11-19 23:24:51,071 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,071 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140410  
2023-11-19 23:24:51,071 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140411  
2023-11-19 23:24:51,072 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,072 [main] [INFO] Generating payment transaction for day : 25  
2023-11-19 23:24:51,072 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140411  
2023-11-19 23:24:51,072 [Transaction] [INFO] Available credit limit for the transaction : 8511.548632225997  
2023-11-19 23:24:51,072 [Transaction] [INFO] Random portion from 0 to 1 : 0.9975388500125857  
2023-11-19 23:24:51,072 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140411  
2023-11-19 23:24:51,072 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,072 [Transaction] [INFO] Next payment day : 32 for given

payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,072 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:51,072 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140412  
2023-11-19 23:24:51,072 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,072 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,073 [Transaction] [INFO] Available credit limit for the  
transaction : 10674.26410040349  
2023-11-19 23:24:51,073 [Transaction] [INFO] Random purchase amount :  
6093.440427381935  
2023-11-19 23:24:51,073 [main] [INFO] Customer purchased an amount of  
6093.440427381935  
2023-11-19 23:24:51,073 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,073 [Transaction] [INFO] Interest to be added for the days :  
105.9646553670647  
2023-11-19 23:24:51,073 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140413  
2023-11-19 23:24:51,073 [Transaction] [INFO] Available credit limit for the  
transaction : 4580.823673021556  
2023-11-19 23:24:51,073 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,073 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140412  
2023-11-19 23:24:51,073 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140413  
2023-11-19 23:24:51,073 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,073 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:51,073 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140413  
2023-11-19 23:24:51,073 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,073 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,073 [Transaction] [INFO] Available credit limit for the  
transaction : 4474.859017654491  
2023-11-19 23:24:51,073 [Transaction] [INFO] Random purchase amount :  
3438.457189755649  
2023-11-19 23:24:51,073 [main] [INFO] Customer purchased an amount of  
3438.457189755649  
2023-11-19 23:24:51,073 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,073 [Transaction] [INFO] Interest to be added for the days :  
187.066908771617  
2023-11-19 23:24:51,074 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140414  
2023-11-19 23:24:51,074 [Transaction] [INFO] Available credit limit for the  
transaction : 1036.4018278988424  
2023-11-19 23:24:51,074 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,074 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140413  
2023-11-19 23:24:51,074 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140414  
2023-11-19 23:24:51,074 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,074 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 4

2023-11-19 23:24:51,074 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:24:51,074 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,074 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,074 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,074 [Transaction] [INFO] Random generated number from 1 to 10 :  
5  
2023-11-19 23:24:51,074 [Transaction] [INFO] Next payment day : 5 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,074 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:24:51,074 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140501  
2023-11-19 23:24:51,074 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,074 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,074 [Transaction] [INFO] Available credit limit for the  
transaction : 849.3349191272246  
2023-11-19 23:24:51,074 [Transaction] [INFO] Random purchase amount :  
152.23886507214107  
2023-11-19 23:24:51,075 [main] [INFO] Customer purchased an amount of  
152.23886507214107  
2023-11-19 23:24:51,075 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,075 [Transaction] [INFO] Interest to be added for the days :  
26.48952667456668  
2023-11-19 23:24:51,075 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140502  
2023-11-19 23:24:51,075 [Transaction] [INFO] Available credit limit for the  
transaction : 697.0960540550841  
2023-11-19 23:24:51,075 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,075 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140501  
2023-11-19 23:24:51,075 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140502  
2023-11-19 23:24:51,075 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,075 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:24:51,075 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140502  
2023-11-19 23:24:51,075 [Transaction] [INFO] Available credit limit for the  
transaction : 670.606527380518  
2023-11-19 23:24:51,075 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140502  
2023-11-19 23:24:51,075 [Transaction] [INFO] Random generated number from 1 to 10 :  
9  
2023-11-19 23:24:51,075 [Transaction] [INFO] Next payment day : 9 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,075 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,075 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140503  
2023-11-19 23:24:51,075 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,076 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,076 [Transaction] [INFO] Available credit limit for the  
transaction : 1653.6330354677957  
2023-11-19 23:24:51,076 [Transaction] [INFO] Random purchase amount :

91.99066569962125  
2023-11-19 23:24:51,076 [main] [INFO] Customer purchased an amount of  
91.99066569962125  
2023-11-19 23:24:51,076 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,076 [Transaction] [INFO] Interest to be added for the days :  
42.384023481239744  
2023-11-19 23:24:51,076 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140504  
2023-11-19 23:24:51,076 [Transaction] [INFO] Available credit limit for the  
transaction : 1561.6423697681748  
2023-11-19 23:24:51,076 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,076 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140503  
2023-11-19 23:24:51,076 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140504  
2023-11-19 23:24:51,076 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,076 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:24:51,076 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140504  
2023-11-19 23:24:51,076 [Transaction] [INFO] Available credit limit for the  
transaction : 1519.2583462869352  
2023-11-19 23:24:51,076 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140504  
2023-11-19 23:24:51,076 [Transaction] [INFO] Random generated number from 1 to 10 :  
7  
2023-11-19 23:24:51,076 [Transaction] [INFO] Next payment day : 7 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,077 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,077 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140505  
2023-11-19 23:24:51,077 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,077 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,077 [Transaction] [INFO] Available credit limit for the  
transaction : 2502.284854374213  
2023-11-19 23:24:51,077 [Transaction] [INFO] Random purchase amount :  
640.5372318154664  
2023-11-19 23:24:51,077 [main] [INFO] Customer purchased an amount of  
640.5372318154664  
2023-11-19 23:24:51,077 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,077 [Transaction] [INFO] Interest to be added for the days :  
64.49679149489505  
2023-11-19 23:24:51,077 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140506  
2023-11-19 23:24:51,077 [Transaction] [INFO] Available credit limit for the  
transaction : 1861.747622558747  
2023-11-19 23:24:51,077 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,077 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140505  
2023-11-19 23:24:51,077 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140506  
2023-11-19 23:24:51,077 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,077 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,077 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000140506  
2023-11-19 23:24:51,077 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,077 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,077 [Transaction] [INFO] Available credit limit for the  
transaction : 1797.2508310638514  
2023-11-19 23:24:51,077 [Transaction] [INFO] Random purchase amount :  
1772.2843760721648  
2023-11-19 23:24:51,077 [main] [INFO] Customer purchased an amount of  
1772.2843760721648  
2023-11-19 23:24:51,077 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,077 [Transaction] [INFO] Interest to be added for the days :  
127.8210224347421  
2023-11-19 23:24:51,077 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140507  
2023-11-19 23:24:51,077 [Transaction] [INFO] Available credit limit for the  
transaction : 24.966454991686987  
2023-11-19 23:24:51,077 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,077 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140506  
2023-11-19 23:24:51,077 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140507  
2023-11-19 23:24:51,078 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,078 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:24:51,078 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140507  
2023-11-19 23:24:51,078 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,078 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,078 [Transaction] [INFO] Available credit limit for the  
transaction : -102.8545674430552  
2023-11-19 23:24:51,078 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,078 [Transaction] [INFO] Interest to be added for the days :  
136.5861491801399  
2023-11-19 23:24:51,078 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140508  
2023-11-19 23:24:51,078 [Transaction] [INFO] Available credit limit for the  
transaction : -102.8545674430552  
2023-11-19 23:24:51,078 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,078 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140507  
2023-11-19 23:24:51,078 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140508  
2023-11-19 23:24:51,078 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,078 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:51,078 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140508  
2023-11-19 23:24:51,078 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,079 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,079 [Transaction] [INFO] Available credit limit for the  
transaction : -239.44071662319584

2023-11-19 23:24:51,079 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,079 [Transaction] [INFO] Interest to be added for the days :  
189.71549773971788  
2023-11-19 23:24:51,079 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140509  
2023-11-19 23:24:51,079 [Transaction] [INFO] Available credit limit for the  
transaction : -239.44071662319584  
2023-11-19 23:24:51,079 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,079 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140508  
2023-11-19 23:24:51,079 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140509  
2023-11-19 23:24:51,079 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,079 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:24:51,079 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140509  
2023-11-19 23:24:51,079 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,079 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,079 [Transaction] [INFO] Available credit limit for the  
transaction : -429.1562143629144  
2023-11-19 23:24:51,079 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,079 [Transaction] [INFO] Interest to be added for the days :  
230.51208128005916  
2023-11-19 23:24:51,079 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140510  
2023-11-19 23:24:51,079 [Transaction] [INFO] Available credit limit for the  
transaction : -429.1562143629144  
2023-11-19 23:24:51,079 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,079 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140509  
2023-11-19 23:24:51,079 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140510  
2023-11-19 23:24:51,079 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,080 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 5  
2023-11-19 23:24:51,080 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:24:51,080 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,080 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,080 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,080 [Transaction] [INFO] Random generated number from 1 to 10 :  
7  
2023-11-19 23:24:51,080 [Transaction] [INFO] Next payment day : 7 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,080 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:51,080 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140601  
2023-11-19 23:24:51,080 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,080 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,080 [Transaction] [INFO] Available credit limit for the

transaction : -659.668295642974  
2023-11-19 23:24:51,080 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,080 [Transaction] [INFO] Interest to be added for the days :  
45.16467460189637  
2023-11-19 23:24:51,080 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140602  
2023-11-19 23:24:51,080 [Transaction] [INFO] Available credit limit for the  
transaction : -659.668295642974  
2023-11-19 23:24:51,080 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,080 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140601  
2023-11-19 23:24:51,080 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140602  
2023-11-19 23:24:51,080 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,080 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,080 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140602  
2023-11-19 23:24:51,080 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,080 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,080 [Transaction] [INFO] Available credit limit for the  
transaction : -704.83297024487  
2023-11-19 23:24:51,080 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,080 [Transaction] [INFO] Interest to be added for the days :  
52.91953460406576  
2023-11-19 23:24:51,080 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140603  
2023-11-19 23:24:51,081 [Transaction] [INFO] Available credit limit for the  
transaction : -704.83297024487  
2023-11-19 23:24:51,081 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,081 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140602  
2023-11-19 23:24:51,081 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140603  
2023-11-19 23:24:51,081 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,081 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:51,081 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140603  
2023-11-19 23:24:51,081 [Transaction] [INFO] Available credit limit for the  
transaction : -757.7525048489351  
2023-11-19 23:24:51,081 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140603  
2023-11-19 23:24:51,081 [Transaction] [INFO] Random generated number from 1 to 10 :  
5  
2023-11-19 23:24:51,081 [Transaction] [INFO] Next payment day : 5 for given payment  
type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:24:51,081 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,081 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140604  
2023-11-19 23:24:51,081 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,081 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,081 [Transaction] [INFO] Available credit limit for the

transaction : 376.1743247153627  
2023-11-19 23:24:51,081 [Transaction] [INFO] Random purchase amount :  
246.0568358862325  
2023-11-19 23:24:51,081 [main] [INFO] Customer purchased an amount of  
246.0568358862325  
2023-11-19 23:24:51,081 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,081 [Transaction] [INFO] Interest to be added for the days :  
84.20522701929409  
2023-11-19 23:24:51,081 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140605  
2023-11-19 23:24:51,081 [Transaction] [INFO] Available credit limit for the  
transaction : 130.1174888291298  
2023-11-19 23:24:51,081 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,081 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140604  
2023-11-19 23:24:51,081 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140605  
2023-11-19 23:24:51,081 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,081 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:51,081 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140605  
2023-11-19 23:24:51,081 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,081 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,081 [Transaction] [INFO] Available credit limit for the  
transaction : 45.9122618098354  
2023-11-19 23:24:51,081 [Transaction] [INFO] Random purchase amount :  
10.899328941625145  
2023-11-19 23:24:51,081 [main] [INFO] Customer purchased an amount of  
10.899328941625145  
2023-11-19 23:24:51,082 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,082 [Transaction] [INFO] Interest to be added for the days :  
92.07524485550844  
2023-11-19 23:24:51,082 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140606  
2023-11-19 23:24:51,082 [Transaction] [INFO] Available credit limit for the  
transaction : 35.012932868210555  
2023-11-19 23:24:51,082 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,082 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140605  
2023-11-19 23:24:51,082 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140606  
2023-11-19 23:24:51,082 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,082 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,082 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140606  
2023-11-19 23:24:51,082 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,082 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,082 [Transaction] [INFO] Available credit limit for the  
transaction : -57.06231198729802  
2023-11-19 23:24:51,082 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,082 [Transaction] [INFO] Interest to be added for the days :



128.8051014103374

2023-11-19 23:24:51,082 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140607

2023-11-19 23:24:51,082 [Transaction] [INFO] Available credit limit for the transaction : -57.06231198729802

2023-11-19 23:24:51,082 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,082 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140606

2023-11-19 23:24:51,082 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140607

2023-11-19 23:24:51,083 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:24:51,083 [main] [INFO] Generating transaction for day : 23

2023-11-19 23:24:51,083 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140607

2023-11-19 23:24:51,083 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE

2023-11-19 23:24:51,083 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE

2023-11-19 23:24:51,083 [Transaction] [INFO] Available cash advance for the transaction : -185.86741339763466

2023-11-19 23:24:51,083 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,083 [Transaction] [INFO] Interest to be added for the days : 166.83549910916193

2023-11-19 23:24:51,083 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140608

2023-11-19 23:24:51,083 [Transaction] [INFO] Available credit limit for the transaction : -185.86741339763466

2023-11-19 23:24:51,083 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,083 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140607

2023-11-19 23:24:51,083 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140608

2023-11-19 23:24:51,083 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:51,083 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:24:51,083 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140608

2023-11-19 23:24:51,083 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,083 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,083 [Transaction] [INFO] Available credit limit for the transaction : -352.70291250679657

2023-11-19 23:24:51,083 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,083 [Transaction] [INFO] Interest to be added for the days : 199.12198060201013

2023-11-19 23:24:51,084 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140609

2023-11-19 23:24:51,084 [Transaction] [INFO] Available credit limit for the transaction : -352.70291250679657

2023-11-19 23:24:51,084 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,084 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140608

2023-11-19 23:24:51,084 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140609

2023-11-19 23:24:51,084 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,084 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 6  
2023-11-19 23:24:51,084 [main] [INFO] Generating account activity for month : 7  
2023-11-19 23:24:51,084 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:24:51,084 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,084 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,084 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,084 [Transaction] [INFO] Next payment day : 6 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,084 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:24:51,084 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140701  
2023-11-19 23:24:51,084 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,084 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,084 [Transaction] [INFO] Available credit limit for the  
transaction : -551.8248931088074  
2023-11-19 23:24:51,084 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,084 [Transaction] [INFO] Interest to be added for the days :  
22.34533697127083  
2023-11-19 23:24:51,084 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140702  
2023-11-19 23:24:51,085 [Transaction] [INFO] Available credit limit for the  
transaction : -551.8248931088074  
2023-11-19 23:24:51,085 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,085 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140701  
2023-11-19 23:24:51,085 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140702  
2023-11-19 23:24:51,085 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,085 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:24:51,085 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140702  
2023-11-19 23:24:51,085 [Transaction] [INFO] Available credit limit for the  
transaction : -574.1702300800789  
2023-11-19 23:24:51,085 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140702  
2023-11-19 23:24:51,085 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,085 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,085 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:24:51,085 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140703  
2023-11-19 23:24:51,085 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,085 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,085 [Transaction] [INFO] Available credit limit for the  
transaction : 10679.6  
2023-11-19 23:24:51,085 [Transaction] [INFO] Random purchase amount :

319.7898205262007  
2023-11-19 23:24:51,085 [main] [INFO] Customer purchased an amount of  
319.7898205262007  
2023-11-19 23:24:51,085 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,085 [Transaction] [INFO] Interest to be added for the days :  
1.6994374232818152  
2023-11-19 23:24:51,085 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140704  
2023-11-19 23:24:51,085 [Transaction] [INFO] Available credit limit for the  
transaction : 10359.8101794738  
2023-11-19 23:24:51,085 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,085 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140703  
2023-11-19 23:24:51,085 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140704  
2023-11-19 23:24:51,086 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,086 [main] [INFO] Generating payment transaction for day : 11  
2023-11-19 23:24:51,086 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140704  
2023-11-19 23:24:51,086 [Transaction] [INFO] Available credit limit for the  
transaction : 10358.110742050518  
2023-11-19 23:24:51,086 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140704  
2023-11-19 23:24:51,086 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,086 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,086 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,086 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140705  
2023-11-19 23:24:51,086 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,086 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,086 [Transaction] [INFO] Available credit limit for the  
transaction : 10679.6  
2023-11-19 23:24:51,086 [Transaction] [INFO] Random purchase amount :  
2333.590304809115  
2023-11-19 23:24:51,086 [main] [INFO] Customer purchased an amount of  
2333.590304809115  
2023-11-19 23:24:51,086 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,086 [Transaction] [INFO] Interest to be added for the days :  
18.62655359430194  
2023-11-19 23:24:51,086 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140706  
2023-11-19 23:24:51,086 [Transaction] [INFO] Available credit limit for the  
transaction : 8346.009695190885  
2023-11-19 23:24:51,086 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,086 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140705  
2023-11-19 23:24:51,086 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140706  
2023-11-19 23:24:51,086 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,087 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:51,087 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000140706  
2023-11-19 23:24:51,087 [Transaction] [INFO] Available credit limit for the transaction : 8327.383141596583  
2023-11-19 23:24:51,087 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140706  
2023-11-19 23:24:51,087 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,087 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,087 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:24:51,087 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140707  
2023-11-19 23:24:51,087 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,087 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,087 [Transaction] [INFO] Available credit limit for the transaction : 10679.6  
2023-11-19 23:24:51,087 [Transaction] [INFO] Random purchase amount : 6681.990327496015  
2023-11-19 23:24:51,087 [main] [INFO] Customer purchased an amount of 6681.990327496015  
2023-11-19 23:24:51,087 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,087 [Transaction] [INFO] Interest to be added for the days : 57.79894435041849  
2023-11-19 23:24:51,087 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140708  
2023-11-19 23:24:51,087 [Transaction] [INFO] Available credit limit for the transaction : 3997.609672503985  
2023-11-19 23:24:51,087 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,087 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140707  
2023-11-19 23:24:51,087 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140708  
2023-11-19 23:24:51,087 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,087 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:24:51,087 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140708  
2023-11-19 23:24:51,087 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,087 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,087 [Transaction] [INFO] Available credit limit for the transaction : 3939.8107281535667  
2023-11-19 23:24:51,087 [Transaction] [INFO] Random purchase amount : 633.0900161799817  
2023-11-19 23:24:51,087 [main] [INFO] Customer purchased an amount of 633.0900161799817  
2023-11-19 23:24:51,087 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,087 [Transaction] [INFO] Interest to be added for the days : 78.57060585842332  
2023-11-19 23:24:51,088 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140709  
2023-11-19 23:24:51,088 [Transaction] [INFO] Available credit limit for the transaction : 3306.720711973585  
2023-11-19 23:24:51,088 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,088 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140708  
2023-11-19 23:24:51,088 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140709  
2023-11-19 23:24:51,088 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,088 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:24:51,088 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140709  
2023-11-19 23:24:51,088 [Transaction] [INFO] Available credit limit for the transaction : 3228.150106115161  
2023-11-19 23:24:51,088 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140709  
2023-11-19 23:24:51,088 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,089 [Transaction] [INFO] Next payment day : 21 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,089 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:51,089 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140710  
2023-11-19 23:24:51,089 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,089 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,089 [Transaction] [INFO] Available credit limit for the transaction : 10679.6  
2023-11-19 23:24:51,089 [Transaction] [INFO] Random purchase amount : 5180.804110711507  
2023-11-19 23:24:51,089 [main] [INFO] Customer purchased an amount of 5180.804110711507  
2023-11-19 23:24:51,089 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,089 [Transaction] [INFO] Interest to be added for the days : 69.10456932097111  
2023-11-19 23:24:51,089 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140711  
2023-11-19 23:24:51,089 [Transaction] [INFO] Available credit limit for the transaction : 5498.7958892884935  
2023-11-19 23:24:51,089 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,089 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140710  
2023-11-19 23:24:51,089 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140711  
2023-11-19 23:24:51,089 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,089 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:24:51,089 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140711  
2023-11-19 23:24:51,089 [Transaction] [INFO] Available credit limit for the transaction : 5429.691319967523  
2023-11-19 23:24:51,089 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140711  
2023-11-19 23:24:51,089 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,089 [Transaction] [INFO] Next payment day : 22 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:24:51,089 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:24:51,090 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140712

2023-11-19 23:24:51,090 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,090 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,090 [Transaction] [INFO] Available credit limit for the  
transaction : 10679.6  
2023-11-19 23:24:51,090 [Transaction] [INFO] Random purchase amount :  
1412.3056385069137  
2023-11-19 23:24:51,090 [main] [INFO] Customer purchased an amount of  
1412.3056385069137  
2023-11-19 23:24:51,090 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,090 [Transaction] [INFO] Interest to be added for the days :  
25.49069747133903  
2023-11-19 23:24:51,090 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140713  
2023-11-19 23:24:51,090 [Transaction] [INFO] Available credit limit for the  
transaction : 9267.294361493086  
2023-11-19 23:24:51,090 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,090 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140712  
2023-11-19 23:24:51,090 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140713  
2023-11-19 23:24:51,090 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,090 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 7  
2023-11-19 23:24:51,090 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:24:51,090 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,090 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,090 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,090 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,090 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,090 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140801  
2023-11-19 23:24:51,090 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,090 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,090 [Transaction] [INFO] Available credit limit for the  
transaction : 9241.803664021747  
2023-11-19 23:24:51,090 [Transaction] [INFO] Random purchase amount :  
5194.165574622691  
2023-11-19 23:24:51,090 [main] [INFO] Customer purchased an amount of  
5194.165574622691  
2023-11-19 23:24:51,090 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,090 [Transaction] [INFO] Interest to be added for the days :  
30.82809119595034  
2023-11-19 23:24:51,090 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140802  
2023-11-19 23:24:51,090 [Transaction] [INFO] Available credit limit for the  
transaction : 4047.638089399057  
2023-11-19 23:24:51,090 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,090 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140801

2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140802  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,091 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140802  
2023-11-19 23:24:51,091 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the transaction : 4016.809998203107  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random purchase amount : 48.07801771839456  
2023-11-19 23:24:51,091 [main] [INFO] Customer purchased an amount of 48.07801771839456  
2023-11-19 23:24:51,091 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest to be added for the days : 44.6084638421143  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140803  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the transaction : 3968.731980484713  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140802  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140803  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,091 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140803  
2023-11-19 23:24:51,091 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the transaction : 3924.1235166425986  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random purchase amount : 3642.7120548735516  
2023-11-19 23:24:51,091 [main] [INFO] Customer purchased an amount of 3642.7120548735516  
2023-11-19 23:24:51,091 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest to be added for the days : 82.99760917409965  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140804  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the transaction : 281.4114617690466  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140803  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140804  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random generated number from 1 to 7 :

3

2023-11-19 23:24:51,091 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140804  
2023-11-19 23:24:51,091 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the  
transaction : 198.41385259494746  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random purchase amount :  
68.20616107722451  
2023-11-19 23:24:51,091 [main] [INFO] Customer purchased an amount of  
68.20616107722451  
2023-11-19 23:24:51,091 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest to be added for the days :  
105.36044283473251  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140805  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the  
transaction : 130.2076915177222  
2023-11-19 23:24:51,091 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140804  
2023-11-19 23:24:51,091 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140805  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,091 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,091 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140805  
2023-11-19 23:24:51,091 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,091 [Transaction] [INFO] Available credit limit for the  
transaction : 24.84724868299054  
2023-11-19 23:24:51,091 [Transaction] [INFO] Random purchase amount :  
0.6607160466505488  
2023-11-19 23:24:51,091 [main] [INFO] Customer purchased an amount of  
0.6607160466505488  
2023-11-19 23:24:51,092 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest to be added for the days :  
149.28404310454926  
2023-11-19 23:24:51,092 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140806  
2023-11-19 23:24:51,092 [Transaction] [INFO] Available credit limit for the  
transaction : 24.186532636340417  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140805  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140806  
2023-11-19 23:24:51,092 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,092 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:24:51,092 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000140806  
2023-11-19 23:24:51,092 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,092 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,092 [Transaction] [INFO] Available credit limit for the  
transaction : -125.0975104682093  
2023-11-19 23:24:51,092 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest to be added for the days :  
158.63656122109646  
2023-11-19 23:24:51,092 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140807  
2023-11-19 23:24:51,092 [Transaction] [INFO] Available credit limit for the  
transaction : -125.0975104682093  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140806  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140807  
2023-11-19 23:24:51,092 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,092 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:51,092 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140807  
2023-11-19 23:24:51,092 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,092 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,092 [Transaction] [INFO] Available credit limit for the  
transaction : -283.734071689305  
2023-11-19 23:24:51,092 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest to be added for the days :  
168.33820784326608  
2023-11-19 23:24:51,092 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140808  
2023-11-19 23:24:51,092 [Transaction] [INFO] Available credit limit for the  
transaction : -283.734071689305  
2023-11-19 23:24:51,092 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140807  
2023-11-19 23:24:51,092 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000140808  
2023-11-19 23:24:51,092 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,092 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,093 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000140808  
2023-11-19 23:24:51,093 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,093 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,093 [Transaction] [INFO] Available credit limit for the  
transaction : -452.072279532571  
2023-11-19 23:24:51,093 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,093 [Transaction] [INFO] Interest to be added for the days :  
223.46210210183256  
2023-11-19 23:24:51,093 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000140809  
2023-11-19 23:24:51,093 [Transaction] [INFO] Available credit limit for the transaction : -452.072279532571  
2023-11-19 23:24:51,093 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,093 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140808  
2023-11-19 23:24:51,093 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140809  
2023-11-19 23:24:51,093 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,093 [Account] [INFO] Converting from Transaction object to list to store for account : 10000014, month : 8  
2023-11-19 23:24:51,093 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:24:51,093 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,093 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,093 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,093 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:24:51,093 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:24:51,093 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140901  
2023-11-19 23:24:51,093 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,093 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,093 [Transaction] [INFO] Available credit limit for the transaction : -675.534381634403  
2023-11-19 23:24:51,093 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,093 [Transaction] [INFO] Interest to be added for the days : 37.67740077932455  
2023-11-19 23:24:51,093 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140902  
2023-11-19 23:24:51,093 [Transaction] [INFO] Available credit limit for the transaction : -675.534381634403  
2023-11-19 23:24:51,093 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,093 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140901  
2023-11-19 23:24:51,093 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140902  
2023-11-19 23:24:51,093 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,094 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,094 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140902  
2023-11-19 23:24:51,094 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [Transaction] [INFO] Available credit limit for the transaction : -713.2117824137276  
2023-11-19 23:24:51,094 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,094 [Transaction] [INFO] Interest to be added for the days : 52.9584827749294  
2023-11-19 23:24:51,094 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140903

2023-11-19 23:24:51,094 [Transaction] [INFO] Available credit limit for the transaction : -713.2117824137276  
2023-11-19 23:24:51,094 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,094 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140902  
2023-11-19 23:24:51,094 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140903  
2023-11-19 23:24:51,094 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,094 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,094 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140903  
2023-11-19 23:24:51,094 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [Transaction] [INFO] Available credit limit for the transaction : -766.1702651886571  
2023-11-19 23:24:51,094 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,094 [Transaction] [INFO] Interest to be added for the days : 91.35933279858358  
2023-11-19 23:24:51,094 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140904  
2023-11-19 23:24:51,094 [Transaction] [INFO] Available credit limit for the transaction : -766.1702651886571  
2023-11-19 23:24:51,094 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,094 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140903  
2023-11-19 23:24:51,094 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140904  
2023-11-19 23:24:51,094 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,094 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:51,094 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140904  
2023-11-19 23:24:51,094 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,094 [Transaction] [INFO] Available credit limit for the transaction : -857.5295979872408  
2023-11-19 23:24:51,094 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,094 [Transaction] [INFO] Interest to be added for the days : 130.67539300570797  
2023-11-19 23:24:51,095 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140905  
2023-11-19 23:24:51,095 [Transaction] [INFO] Available credit limit for the transaction : -857.5295979872408  
2023-11-19 23:24:51,095 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,095 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140904  
2023-11-19 23:24:51,095 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140905  
2023-11-19 23:24:51,095 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,095 [main] [INFO] Generating transaction for day : 20

2023-11-19 23:24:51,095 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140905  
2023-11-19 23:24:51,095 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,095 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,095 [Transaction] [INFO] Available credit limit for the transaction : -988.2049909929483  
2023-11-19 23:24:51,095 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,095 [Transaction] [INFO] Interest to be added for the days : 155.63194855342863  
2023-11-19 23:24:51,095 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140906  
2023-11-19 23:24:51,095 [Transaction] [INFO] Available credit limit for the transaction : -988.2049909929483  
2023-11-19 23:24:51,095 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,095 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140905  
2023-11-19 23:24:51,095 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140906  
2023-11-19 23:24:51,095 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,095 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,095 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140906  
2023-11-19 23:24:51,095 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,095 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,095 [Transaction] [INFO] Available cash advance for the transaction : -1143.836939546376  
2023-11-19 23:24:51,095 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,095 [Transaction] [INFO] Interest to be added for the days : 189.5009685950657  
2023-11-19 23:24:51,095 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140907  
2023-11-19 23:24:51,095 [Transaction] [INFO] Available credit limit for the transaction : -1143.836939546376  
2023-11-19 23:24:51,096 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140906  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140907  
2023-11-19 23:24:51,096 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,096 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:24:51,096 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140907  
2023-11-19 23:24:51,096 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,096 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,096 [Transaction] [INFO] Available credit limit for the transaction : -1333.3379081414423  
2023-11-19 23:24:51,096 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,096 [Transaction] [INFO] Interest to be added for the days : 200.62726261865845

2023-11-19 23:24:51,096 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140908  
2023-11-19 23:24:51,096 [Transaction] [INFO] Available credit limit for the transaction : -1333.3379081414423  
2023-11-19 23:24:51,096 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140907  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140908  
2023-11-19 23:24:51,096 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,096 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,096 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140908  
2023-11-19 23:24:51,096 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,096 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:24:51,096 [Transaction] [INFO] Available cash advance for the transaction : -1533.9651707601006  
2023-11-19 23:24:51,096 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,096 [Transaction] [INFO] Interest to be added for the days : 245.18049747421992  
2023-11-19 23:24:51,096 [Transaction] [INFO] Transaction has been created successfully. Id : 100000140909  
2023-11-19 23:24:51,096 [Transaction] [INFO] Available credit limit for the transaction : -1533.9651707601006  
2023-11-19 23:24:51,096 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140908  
2023-11-19 23:24:51,096 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000140909  
2023-11-19 23:24:51,096 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,097 [Account] [INFO] Converting from Transaction object to list to store for account : 10000014, month : 9  
2023-11-19 23:24:51,097 [main] [INFO] Generating account activity for month : 10  
2023-11-19 23:24:51,097 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,097 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,097 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,097 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:24:51,097 [Transaction] [INFO] Next payment day : 2 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,097 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:51,097 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141001  
2023-11-19 23:24:51,097 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,097 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,097 [Transaction] [INFO] Available credit limit for the transaction : -1779.1456682343214  
2023-11-19 23:24:51,097 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,097 [Transaction] [INFO] Interest to be added for the days :

8.256905690811713

2023-11-19 23:24:51,097 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141002

2023-11-19 23:24:51,097 [Transaction] [INFO] Available credit limit for the transaction : -1779.1456682343214

2023-11-19 23:24:51,097 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,097 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141001

2023-11-19 23:24:51,097 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141002

2023-11-19 23:24:51,097 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:24:51,097 [main] [INFO] Generating payment transaction for day : 2

2023-11-19 23:24:51,097 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141002

2023-11-19 23:24:51,097 [Transaction] [INFO] Available credit limit for the transaction : -1787.4025739251338

2023-11-19 23:24:51,097 [Transaction] [INFO] Random portion from 0 to 1 : 0.5384341020699328

2023-11-19 23:24:51,097 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141002

2023-11-19 23:24:51,097 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:24:51,097 [Transaction] [INFO] Next payment day : 5 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:24:51,097 [main] [INFO] Generating transaction for day : 5

2023-11-19 23:24:51,097 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141003

2023-11-19 23:24:51,098 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:24:51,098 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,098 [Transaction] [INFO] Available credit limit for the transaction : 4925.256762469787

2023-11-19 23:24:51,098 [Transaction] [INFO] Random purchase amount : 472.5511535580654

2023-11-19 23:24:51,098 [main] [INFO] Customer purchased an amount of 472.5511535580654

2023-11-19 23:24:51,098 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,098 [Transaction] [INFO] Interest to be added for the days : 20.661419556867642

2023-11-19 23:24:51,098 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141004

2023-11-19 23:24:51,098 [Transaction] [INFO] Available credit limit for the transaction : 4452.705608911721

2023-11-19 23:24:51,098 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:24:51,098 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141003

2023-11-19 23:24:51,098 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141004

2023-11-19 23:24:51,098 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:24:51,098 [main] [INFO] Generating payment transaction for day : 5

2023-11-19 23:24:51,098 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141004

2023-11-19 23:24:51,098 [Transaction] [INFO] Available credit limit for the transaction : 4432.044189354854

2023-11-19 23:24:51,098 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5913907225379827  
2023-11-19 23:24:51,098 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141004  
2023-11-19 23:24:51,098 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,098 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,098 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:24:51,098 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141005  
2023-11-19 23:24:51,098 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,098 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,098 [Transaction] [INFO] Available credit limit for the  
transaction : 8126.790734308659  
2023-11-19 23:24:51,098 [Transaction] [INFO] Random purchase amount :  
3662.0850896796755  
2023-11-19 23:24:51,098 [main] [INFO] Customer purchased an amount of  
3662.0850896796755  
2023-11-19 23:24:51,098 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,098 [Transaction] [INFO] Interest to be added for the days :  
24.754126450412045  
2023-11-19 23:24:51,098 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141006  
2023-11-19 23:24:51,099 [Transaction] [INFO] Available credit limit for the  
transaction : 4464.705644628984  
2023-11-19 23:24:51,099 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141005  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141006  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,099 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:51,099 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141006  
2023-11-19 23:24:51,099 [Transaction] [INFO] Available credit limit for the  
transaction : 4439.951518178573  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8176227056729982  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141006  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,099 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,099 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:24:51,099 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141007  
2023-11-19 23:24:51,099 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,099 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,099 [Transaction] [INFO] Available credit limit for the  
transaction : 9541.629792333824  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random purchase amount :

4726.941290824404  
2023-11-19 23:24:51,099 [main] [INFO] Customer purchased an amount of  
4726.941290824404  
2023-11-19 23:24:51,099 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,099 [Transaction] [INFO] Interest to be added for the days :  
38.98522393180876  
2023-11-19 23:24:51,099 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141008  
2023-11-19 23:24:51,099 [Transaction] [INFO] Available credit limit for the  
transaction : 4814.68850150942  
2023-11-19 23:24:51,099 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141007  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141008  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,099 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:51,099 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141008  
2023-11-19 23:24:51,099 [Transaction] [INFO] Available credit limit for the  
transaction : 4775.7032775776115  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random portion from 0 to 1 :  
0.19083537406782713  
2023-11-19 23:24:51,099 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141008  
2023-11-19 23:24:51,099 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,099 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,100 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,100 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141009  
2023-11-19 23:24:51,100 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,100 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,100 [Transaction] [INFO] Available credit limit for the  
transaction : 5902.375617058907  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random purchase amount :  
146.65491465308946  
2023-11-19 23:24:51,100 [main] [INFO] Customer purchased an amount of  
146.65491465308946  
2023-11-19 23:24:51,100 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,100 [Transaction] [INFO] Interest to be added for the days :  
36.01493910415355  
2023-11-19 23:24:51,100 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141010  
2023-11-19 23:24:51,100 [Transaction] [INFO] Available credit limit for the  
transaction : 5755.720702405817  
2023-11-19 23:24:51,100 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,100 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141009  
2023-11-19 23:24:51,100 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141010  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random generated number from 1 to 7 :  
6



2023-11-19 23:24:51,100 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:24:51,100 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141010  
2023-11-19 23:24:51,100 [Transaction] [INFO] Available credit limit for the  
transaction : 5719.705763301664  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random portion from 0 to 1 :  
0.22727765038239112  
2023-11-19 23:24:51,100 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141010  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,100 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,100 [main] [INFO] Generating payment transaction for day : 16  
2023-11-19 23:24:51,100 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141011  
2023-11-19 23:24:51,100 [Transaction] [INFO] Available credit limit for the  
transaction : 6846.978871563625  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random portion from 0 to 1 :  
0.014894993196438722  
2023-11-19 23:24:51,100 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141011  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,100 [Transaction] [INFO] Next payment day : 17 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,100 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:24:51,100 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141012  
2023-11-19 23:24:51,100 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,100 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,100 [Transaction] [INFO] Available credit limit for the  
transaction : 6904.065737196212  
2023-11-19 23:24:51,100 [Transaction] [INFO] Random purchase amount :  
5976.733413182684  
2023-11-19 23:24:51,101 [main] [INFO] Customer purchased an amount of  
5976.733413182684  
2023-11-19 23:24:51,101 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,101 [Transaction] [INFO] Interest to be added for the days :  
110.45913980880671  
2023-11-19 23:24:51,101 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141013  
2023-11-19 23:24:51,101 [Transaction] [INFO] Available credit limit for the  
transaction : 927.3323240135287  
2023-11-19 23:24:51,101 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,101 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141012  
2023-11-19 23:24:51,101 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141013  
2023-11-19 23:24:51,101 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,101 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:24:51,101 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141013  
2023-11-19 23:24:51,101 [Transaction] [INFO] Available credit limit for the  
transaction : 816.8731842047218

2023-11-19 23:24:51,101 [Transaction] [INFO] Random portion from 0 to 1 :  
0.2912705604359752  
2023-11-19 23:24:51,101 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141013  
2023-11-19 23:24:51,101 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:24:51,101 [Transaction] [INFO] Next payment day : 21 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,101 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:24:51,101 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141014  
2023-11-19 23:24:51,101 [Transaction] [INFO] Available credit limit for the  
transaction : 3689.595151268333  
2023-11-19 23:24:51,101 [Transaction] [INFO] Random portion from 0 to 1 :  
0.9259999574827703  
2023-11-19 23:24:51,101 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141014  
2023-11-19 23:24:51,101 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,101 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,101 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:51,101 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141015  
2023-11-19 23:24:51,101 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,101 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,101 [Transaction] [INFO] Available credit limit for the  
transaction : 10162.339343998216  
2023-11-19 23:24:51,101 [Transaction] [INFO] Random purchase amount :  
6938.2427936896  
2023-11-19 23:24:51,101 [main] [INFO] Customer purchased an amount of  
6938.2427936896  
2023-11-19 23:24:51,101 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,102 [Transaction] [INFO] Interest to be added for the days :  
114.47668027660035  
2023-11-19 23:24:51,102 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141016  
2023-11-19 23:24:51,102 [Transaction] [INFO] Available credit limit for the  
transaction : 3224.0965503086154  
2023-11-19 23:24:51,102 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,102 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141015  
2023-11-19 23:24:51,102 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141016  
2023-11-19 23:24:51,102 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:24:51,102 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:24:51,102 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141016  
2023-11-19 23:24:51,102 [Transaction] [INFO] Available credit limit for the  
transaction : 3109.6198700320147  
2023-11-19 23:24:51,102 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8698735576599017  
2023-11-19 23:24:51,102 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141016  
2023-11-19 23:24:51,102 [Transaction] [INFO] Random generated number from 1 to 7 :

6

2023-11-19 23:24:51,102 [Transaction] [INFO] Next payment day : 30 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,102 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:24:51,102 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141017  
2023-11-19 23:24:51,102 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,102 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,102 [Transaction] [INFO] Available credit limit for the transaction : 9694.545417102032  
2023-11-19 23:24:51,102 [Transaction] [INFO] Random purchase amount : 1198.1069231079964  
2023-11-19 23:24:51,102 [main] [INFO] Customer purchased an amount of 1198.1069231079964  
2023-11-19 23:24:51,102 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,102 [Transaction] [INFO] Interest to be added for the days : 40.876853573355824  
2023-11-19 23:24:51,102 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141018  
2023-11-19 23:24:51,102 [Transaction] [INFO] Available credit limit for the transaction : 8496.438493994036  
2023-11-19 23:24:51,102 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,102 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141017  
2023-11-19 23:24:51,102 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141018  
2023-11-19 23:24:51,102 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,102 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:24:51,102 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141018  
2023-11-19 23:24:51,102 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,102 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,102 [Transaction] [INFO] Available credit limit for the transaction : 8455.56164042068  
2023-11-19 23:24:51,103 [Transaction] [INFO] Random purchase amount : 3432.1512050244523  
2023-11-19 23:24:51,103 [main] [INFO] Customer purchased an amount of 3432.1512050244523  
2023-11-19 23:24:51,103 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,103 [Transaction] [INFO] Interest to be added for the days : 109.72354590180112  
2023-11-19 23:24:51,103 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141019  
2023-11-19 23:24:51,103 [Transaction] [INFO] Available credit limit for the transaction : 5023.4104353962275  
2023-11-19 23:24:51,103 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,103 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141018  
2023-11-19 23:24:51,103 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141019  
2023-11-19 23:24:51,103 [Transaction] [INFO] Random generated number from 1 to 7 :

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2023-11-19 23:24:51,103 [Account] [INFO] Converting from Transaction object to list to store for account : 10000014, month : 10  
2023-11-19 23:24:51,103 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:24:51,103 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,103 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,103 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:24:51,103 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,103 [Transaction] [INFO] Next payment day : 7 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,103 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:24:51,103 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141101  
2023-11-19 23:24:51,104 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,104 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,104 [Transaction] [INFO] Available credit limit for the transaction : 4913.686889494426  
2023-11-19 23:24:51,104 [Transaction] [INFO] Random purchase amount : 4668.692726540571  
2023-11-19 23:24:51,104 [main] [INFO] Customer purchased an amount of 4668.692726540571  
2023-11-19 23:24:51,104 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,104 [Transaction] [INFO] Interest to be added for the days : 6.915427813648744  
2023-11-19 23:24:51,104 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141102  
2023-11-19 23:24:51,104 [Transaction] [INFO] Available credit limit for the transaction : 244.99416295385527  
2023-11-19 23:24:51,104 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,104 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141101  
2023-11-19 23:24:51,104 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141102  
2023-11-19 23:24:51,104 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,104 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,104 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141102  
2023-11-19 23:24:51,104 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,104 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,104 [Transaction] [INFO] Available credit limit for the transaction : 238.07873514020685  
2023-11-19 23:24:51,104 [Transaction] [INFO] Random purchase amount : 92.08267559845441  
2023-11-19 23:24:51,104 [main] [INFO] Customer purchased an amount of 92.08267559845441  
2023-11-19 23:24:51,104 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,104 [Transaction] [INFO] Interest to be added for the days : 48.96453074909832  
2023-11-19 23:24:51,104 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141103  
2023-11-19 23:24:51,104 [Transaction] [INFO] Available credit limit for the

transaction : 145.9960595417524  
2023-11-19 23:24:51,104 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,104 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141102  
2023-11-19 23:24:51,104 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141103  
2023-11-19 23:24:51,104 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:24:51,105 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:24:51,105 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141103  
2023-11-19 23:24:51,105 [Transaction] [INFO] Available credit limit for the transaction : 97.03152879265326  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random portion from 0 to 1 : 0.3342937577655982  
2023-11-19 23:24:51,105 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141103  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,105 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,105 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:24:51,105 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141104  
2023-11-19 23:24:51,105 [Transaction] [INFO] Available credit limit for the transaction : 3634.7181098442998  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random portion from 0 to 1 : 0.8633207668782408  
2023-11-19 23:24:51,105 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141104  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,105 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,105 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:24:51,105 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141105  
2023-11-19 23:24:51,105 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,105 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,105 [Transaction] [INFO] Available credit limit for the transaction : 9716.710945820148  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random purchase amount : 3529.677602168045  
2023-11-19 23:24:51,105 [main] [INFO] Customer purchased an amount of 3529.677602168045  
2023-11-19 23:24:51,105 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,105 [Transaction] [INFO] Interest to be added for the days : 35.85935090147837  
2023-11-19 23:24:51,105 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141106  
2023-11-19 23:24:51,105 [Transaction] [INFO] Available credit limit for the transaction : 6187.033343652105  
2023-11-19 23:24:51,105 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,105 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141105

2023-11-19 23:24:51,105 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141106  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,105 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:24:51,105 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141106  
2023-11-19 23:24:51,105 [Transaction] [INFO] Available credit limit for the transaction : 6151.173992750627  
2023-11-19 23:24:51,105 [Transaction] [INFO] Random portion from 0 to 1 : 0.0313895867103301  
2023-11-19 23:24:51,105 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141106  
2023-11-19 23:24:51,106 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,106 [Transaction] [INFO] Next payment day : 21 for given payment type : D\_PARTIAL\_RECURRENCE  
2023-11-19 23:24:51,106 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,106 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141107  
2023-11-19 23:24:51,106 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,106 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,106 [Transaction] [INFO] Available credit limit for the transaction : 6293.319413566495  
2023-11-19 23:24:51,106 [Transaction] [INFO] Random purchase amount : 1342.2373488761066  
2023-11-19 23:24:51,106 [main] [INFO] Customer purchased an amount of 1342.2373488761066  
2023-11-19 23:24:51,106 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,106 [Transaction] [INFO] Interest to be added for the days : 57.21269707314177  
2023-11-19 23:24:51,106 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141108  
2023-11-19 23:24:51,106 [Transaction] [INFO] Available credit limit for the transaction : 4951.0820646903885  
2023-11-19 23:24:51,106 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,106 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141107  
2023-11-19 23:24:51,106 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141108  
2023-11-19 23:24:51,106 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,106 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:24:51,106 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141108  
2023-11-19 23:24:51,106 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,106 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,106 [Transaction] [INFO] Available credit limit for the transaction : 4893.869367617247  
2023-11-19 23:24:51,106 [Transaction] [INFO] Random purchase amount : 3888.614724698186  
2023-11-19 23:24:51,106 [main] [INFO] Customer purchased an amount of 3888.614724698186  
2023-11-19 23:24:51,106 [main] [INFO] Calculate the interest to be added

2023-11-19 23:24:51,106 [Transaction] [INFO] Interest to be added for the days :  
116.06074575021164  
2023-11-19 23:24:51,106 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141109  
2023-11-19 23:24:51,106 [Transaction] [INFO] Available credit limit for the  
transaction : 1005.2546429190606  
2023-11-19 23:24:51,106 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,106 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141108  
2023-11-19 23:24:51,106 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141109  
2023-11-19 23:24:51,106 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,106 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:24:51,106 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141109  
2023-11-19 23:24:51,106 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,106 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,107 [Transaction] [INFO] Available credit limit for the  
transaction : 889.1938971688487  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random purchase amount :  
703.1903379841089  
2023-11-19 23:24:51,107 [main] [INFO] Customer purchased an amount of  
703.1903379841089  
2023-11-19 23:24:51,107 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,107 [Transaction] [INFO] Interest to be added for the days :  
139.9696740456424  
2023-11-19 23:24:51,107 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141110  
2023-11-19 23:24:51,107 [Transaction] [INFO] Available credit limit for the  
transaction : 186.00355918473906  
2023-11-19 23:24:51,107 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,107 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141109  
2023-11-19 23:24:51,107 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141110  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,107 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:24:51,107 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141110  
2023-11-19 23:24:51,107 [Transaction] [INFO] Available credit limit for the  
transaction : 46.03388513909704  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random portion from 0 to 1 :  
0.526587815997988  
2023-11-19 23:24:51,107 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141110  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,107 [Transaction] [INFO] Next payment day : 28 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,107 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:51,107 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141111  
2023-11-19 23:24:51,107 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:24:51,107 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,107 [Transaction] [INFO] Available credit limit for the  
transaction : 5645.54024183391  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random purchase amount :  
4270.465181878079  
2023-11-19 23:24:51,107 [main] [INFO] Customer purchased an amount of  
4270.465181878079  
2023-11-19 23:24:51,107 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,107 [Transaction] [INFO] Interest to be added for the days :  
142.8677665934393  
2023-11-19 23:24:51,107 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141112  
2023-11-19 23:24:51,107 [Transaction] [INFO] Available credit limit for the  
transaction : 1375.0750599558305  
2023-11-19 23:24:51,107 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,107 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141111  
2023-11-19 23:24:51,107 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141112  
2023-11-19 23:24:51,107 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:24:51,107 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:24:51,107 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141112  
2023-11-19 23:24:51,107 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,108 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,108 [Transaction] [INFO] Available credit limit for the  
transaction : 1232.2072933623913  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random purchase amount :  
862.130167507944  
2023-11-19 23:24:51,108 [main] [INFO] Customer purchased an amount of  
862.130167507944  
2023-11-19 23:24:51,108 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,108 [Transaction] [INFO] Interest to be added for the days :  
165.23660424567913  
2023-11-19 23:24:51,108 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141113  
2023-11-19 23:24:51,108 [Transaction] [INFO] Available credit limit for the  
transaction : 370.0771258544464  
2023-11-19 23:24:51,108 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141112  
2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141113  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,108 [main] [INFO] Generating payment transaction for day : 28  
2023-11-19 23:24:51,108 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141113  
2023-11-19 23:24:51,108 [Transaction] [INFO] Available credit limit for the  
transaction : 204.84052160876672  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random portion from 0 to 1 :  
0.522712558864679



2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141113  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:24:51,108 [Transaction] [INFO] Next payment day : 31 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:24:51,108 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:24:51,108 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141114  
2023-11-19 23:24:51,108 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,108 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,108 [Transaction] [INFO] Available credit limit for the transaction : 5680.1288520507  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random purchase amount : 3471.8846215129347  
2023-11-19 23:24:51,108 [main] [INFO] Customer purchased an amount of 3471.8846215129347  
2023-11-19 23:24:51,108 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,108 [Transaction] [INFO] Interest to be added for the days : 170.05773439604064  
2023-11-19 23:24:51,108 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141115  
2023-11-19 23:24:51,108 [Transaction] [INFO] Available credit limit for the transaction : 2208.2442305377645  
2023-11-19 23:24:51,108 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141114  
2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141115  
2023-11-19 23:24:51,108 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:24:51,108 [Account] [INFO] Converting from Transaction object to list to store for account : 10000014, month : 11  
2023-11-19 23:24:51,109 [main] [INFO] Generating account activity for month : 12  
2023-11-19 23:24:51,109 [Transaction] [INFO] Payment type for next payment : DAILY  
2023-11-19 23:24:51,109 [main] [INFO] Generating monthly activity data  
2023-11-19 23:24:51,109 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:24:51,109 [Transaction] [INFO] Next payment day : 1 for given payment type : DAILY  
2023-11-19 23:24:51,109 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:24:51,109 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141201  
2023-11-19 23:24:51,109 [Transaction] [INFO] Available credit limit for the transaction : 2038.1864961417232  
2023-11-19 23:24:51,109 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141201  
2023-11-19 23:24:51,109 [Transaction] [INFO] Next payment day : 2 for given payment type : DAILY  
2023-11-19 23:24:51,109 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:24:51,109 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141202  
2023-11-19 23:24:51,109 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,109 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:24:51,109 [Transaction] [INFO] Available credit limit for the transaction : 10679.6  
2023-11-19 23:24:51,109 [Transaction] [INFO] Random purchase amount : 1463.5068092807578  
2023-11-19 23:24:51,109 [main] [INFO] Customer purchased an amount of 1463.5068092807578  
2023-11-19 23:24:51,109 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,109 [Transaction] [INFO] Interest to be added for the days : 6.802982585030151  
2023-11-19 23:24:51,109 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141203  
2023-11-19 23:24:51,109 [Transaction] [INFO] Available credit limit for the transaction : 9216.093190719243  
2023-11-19 23:24:51,109 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,109 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141202  
2023-11-19 23:24:51,109 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141203  
2023-11-19 23:24:51,109 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,109 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:24:51,109 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141203  
2023-11-19 23:24:51,109 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,109 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,109 [Transaction] [INFO] Available credit limit for the transaction : 9209.290208134213  
2023-11-19 23:24:51,109 [Transaction] [INFO] Random purchase amount : 6093.342886656369  
2023-11-19 23:24:51,109 [main] [INFO] Customer purchased an amount of 6093.342886656369  
2023-11-19 23:24:51,109 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest to be added for the days : 55.32314546277377  
2023-11-19 23:24:51,110 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141204  
2023-11-19 23:24:51,110 [Transaction] [INFO] Available credit limit for the transaction : 3115.9473214778436  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:24:51,110 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141203  
2023-11-19 23:24:51,110 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000141204  
2023-11-19 23:24:51,110 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:24:51,110 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:24:51,110 [Transaction] [INFO] Transaction has been created successfully. Id : 100000141204  
2023-11-19 23:24:51,110 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:24:51,110 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:24:51,110 [Transaction] [INFO] Available credit limit for the transaction : 3060.6241760150697  
2023-11-19 23:24:51,110 [Transaction] [INFO] Random purchase amount :

2764.0628289986626  
2023-11-19 23:24:51,110 [main] [INFO] Customer purchased an amount of  
2764.0628289986626  
2023-11-19 23:24:51,110 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest to be added for the days :  
103.69901113345571  
2023-11-19 23:24:51,110 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141205  
2023-11-19 23:24:51,110 [Transaction] [INFO] Available credit limit for the  
transaction : 296.56134701640804  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,110 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141204  
2023-11-19 23:24:51,110 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141205  
2023-11-19 23:24:51,110 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:24:51,110 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:24:51,110 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141205  
2023-11-19 23:24:51,110 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,110 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,110 [Transaction] [INFO] Available credit limit for the  
transaction : 192.8623358829518  
2023-11-19 23:24:51,110 [Transaction] [INFO] Random purchase amount :  
33.80119656758284  
2023-11-19 23:24:51,110 [main] [INFO] Customer purchased an amount of  
33.80119656758284  
2023-11-19 23:24:51,110 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest to be added for the days :  
147.39442834123187  
2023-11-19 23:24:51,110 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141206  
2023-11-19 23:24:51,110 [Transaction] [INFO] Available credit limit for the  
transaction : 159.06113931536856  
2023-11-19 23:24:51,110 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,110 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141205  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141206  
2023-11-19 23:24:51,111 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:24:51,111 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:24:51,111 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141206  
2023-11-19 23:24:51,111 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,111 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,111 [Transaction] [INFO] Available credit limit for the  
transaction : 11.666710974137459  
2023-11-19 23:24:51,111 [Transaction] [INFO] Random purchase amount :  
10.257801476485994  
2023-11-19 23:24:51,111 [main] [INFO] Customer purchased an amount of  
10.257801476485994

2023-11-19 23:24:51,111 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,111 [Transaction] [INFO] Interest to be added for the days :  
163.95993585791717  
2023-11-19 23:24:51,111 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141207  
2023-11-19 23:24:51,111 [Transaction] [INFO] Available credit limit for the  
transaction : 1.4089094976516208  
2023-11-19 23:24:51,111 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141206  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141207  
2023-11-19 23:24:51,111 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:24:51,111 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:24:51,111 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141207  
2023-11-19 23:24:51,111 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:24:51,111 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:24:51,111 [Transaction] [INFO] Available credit limit for the  
transaction : -162.5510263602664  
2023-11-19 23:24:51,111 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:24:51,111 [Transaction] [INFO] Interest to be added for the days :  
188.37955933286892  
2023-11-19 23:24:51,111 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000141208  
2023-11-19 23:24:51,111 [Transaction] [INFO] Available credit limit for the  
transaction : -162.5510263602664  
2023-11-19 23:24:51,111 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141207  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000141208  
2023-11-19 23:24:51,111 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:24:51,111 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000014, month : 12  
2023-11-19 23:24:51,111 [main] [INFO] Storing transactions data  
2023-11-19 23:24:51,113 [Transaction] [INFO] Writing headers into  
transactions\_data.csv file  
2023-11-19 23:24:51,113 [Transaction] [INFO] Writing transaction details into  
transactions\_data.csv file  
2023-11-19 23:24:51,116 [Transaction] [INFO] Transaction details have successfully  
stored into csv file. Transactions count : 870  
2023-11-19 23:24:51,116 [main] [INFO] Storing monthly reports data  
2023-11-19 23:24:51,116 [Transaction] [INFO] Writing headers into  
monthly\_reports\_data.csv file  
2023-11-19 23:24:51,117 [Transaction] [INFO] Writing transaction details into  
monthly\_reports\_data.csv file  
2023-11-19 23:24:51,117 [Report] [INFO] Monthly report details have successfully  
stored into csv file. Reports count : 48  
2023-11-19 23:27:21,420 [main] [INFO] =====  
Generating activity for 1 number of customers  
=====

2023-11-19 23:27:21,421 [main] [INFO]

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===== Generating customer Data
=====
==
2023-11-19 23:27:21,421 [main] [INFO]
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2023-11-19 23:27:21,421 [Customer] [INFO] Generating new customer data for customer
: 1
2023-11-19 23:27:21,421 [Customer] [INFO] Getting customer id for customer : 1
2023-11-19 23:27:21,421 [Customer] [INFO] Random age for customer : 32
2023-11-19 23:27:21,421 [Customer] [INFO] Random gender for customer : Female
2023-11-19 23:27:21,421 [Customer] [INFO] Marital status of the customer : Married
2023-11-19 23:27:21,421 [Customer] [INFO] Number of children for the customer : 0
2023-11-19 23:27:21,421 [Customer] [INFO] Education level of the customer :
EducationLevel.HIGH_SCHOOL
2023-11-19 23:27:21,421 [Customer] [INFO] Annual income of the customer : 65312.0
2023-11-19 23:27:21,421 [Customer] [INFO] Number of accounts for the customer : 2
2023-11-19 23:27:21,421 [Customer] [INFO] Total credit line for the customer :
13062.4
2023-11-19 23:27:21,422 [Customer] [INFO] New customer data generated successfully
for customer : 1
2023-11-19 23:27:21,422 [Customer] [INFO] Converting from Customer object to list
to store for : 1000001
2023-11-19 23:27:21,422 [main] [INFO] -----
Generating Account Data for customer 1000001
-----

2023-11-19 23:27:21,422 [Account] [INFO] Random date opened for the account : 2016-
12-17
2023-11-19 23:27:21,422 [Account] [INFO] Account number for given account index and
customer : 10000011
2023-11-19 23:27:21,422 [Account] [INFO] Account credit line for given account :
11899.531628888875
2023-11-19 23:27:21,422 [Account] [INFO] Annual fee for given account :
118.99531628888876
2023-11-19 23:27:21,422 [Account] [INFO] Annual interest rate for given account :
27.04
2023-11-19 23:27:21,422 [Account] [INFO] New account data generated successfully
for given customer : 1000001 and account index : 1
2023-11-19 23:27:21,422 [Account] [INFO] Converting from Account object to list to
store for customer : 1000001, account : 10000011
2023-11-19 23:27:21,422 [Account] [INFO] Random date opened for the account : 2017-
09-14
2023-11-19 23:27:21,422 [Account] [INFO] Account number for given account index and
customer : 10000012
2023-11-19 23:27:21,422 [Account] [INFO] Account credit line for given account :
5506.900829036203
2023-11-19 23:27:21,422 [Account] [INFO] Annual fee for given account :
55.06900829036203
2023-11-19 23:27:21,422 [Account] [INFO] Annual interest rate for given account :
27.59
2023-11-19 23:27:21,423 [Account] [INFO] New account data generated successfully
for given customer : 1000001 and account index : 2
2023-11-19 23:27:21,423 [Account] [INFO] Converting from Account object to list to
store for customer : 1000001, account : 10000012
2023-11-19 23:27:21,423 [main] [INFO] Storing accounts data
2023-11-19 23:27:21,424 [Customer] [INFO] Writing headers into account_data.csv
file
2023-11-19 23:27:21,424 [Account] [INFO] Writing account details into
account_data.csv file

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2023-11-19 23:27:21,424 [Account] [INFO] Account details have successfully stored into csv file. Accounts count : 2  
2023-11-19 23:27:21,425 [main] [INFO] Storing customers data  
2023-11-19 23:27:21,425 [Customer] [INFO] Writing headers into customer\_data.csv file  
2023-11-19 23:27:21,425 [Customer] [INFO] Writing customer details into customer\_data.csv file  
2023-11-19 23:27:21,425 [Customer] [INFO] Customer details have successfully stored into csv file. Customer count : 1  
2023-11-19 23:27:21,426 [main] [INFO] Generating the account activity for all customers  
2023-11-19 23:27:21,432 [Customer] [INFO] Converting list of value to Customer object for : 1000001  
2023-11-19 23:27:21,432 [Customer] [INFO] Fetched customer details from customer\_data.csv. Customers count : 1  
2023-11-19 23:27:21,433 [main] [INFO] Generating account activity for customer : 1000001  
2023-11-19 23:27:21,440 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000011  
2023-11-19 23:27:21,440 [Customer] [INFO] Converting list of value to Account object for customer : 1000001, account : 10000012  
2023-11-19 23:27:21,440 [Account] [INFO] Fetched account details from account\_data.csv successfully  
2023-11-19 23:27:21,440 [main] [INFO] Generating account activity for account : 10000011  
2023-11-19 23:27:21,440 [main] [INFO] Generating account activity for month : 1  
2023-11-19 23:27:21,440 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,440 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,440 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,440 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,440 [Transaction] [INFO] Next payment day : 2 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,440 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,440 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110101  
2023-11-19 23:27:21,440 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,440 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,440 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,441 [Transaction] [INFO] Random purchase amount : 2912.4704156275534  
2023-11-19 23:27:21,441 [main] [INFO] Customer purchased an amount of 2912.4704156275534  
2023-11-19 23:27:21,441 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,441 [Transaction] [INFO] Interest to be added for the days : 6.477662181557814  
2023-11-19 23:27:21,441 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110102  
2023-11-19 23:27:21,441 [Transaction] [INFO] Available credit limit for the transaction : 8987.059584372448  
2023-11-19 23:27:21,441 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,441 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110101

2023-11-19 23:27:21,441 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110102  
2023-11-19 23:27:21,441 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,441 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,441 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110102  
2023-11-19 23:27:21,441 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,441 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,441 [Transaction] [INFO] Available credit limit for the transaction : 8980.58192219089  
2023-11-19 23:27:21,441 [Transaction] [INFO] Random purchase amount : 6404.909241190646  
2023-11-19 23:27:21,441 [main] [INFO] Customer purchased an amount of 6404.909241190646  
2023-11-19 23:27:21,441 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,441 [Transaction] [INFO] Interest to be added for the days : 62.350394858469244  
2023-11-19 23:27:21,441 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110103  
2023-11-19 23:27:21,441 [Transaction] [INFO] Available credit limit for the transaction : 2575.6726810002438  
2023-11-19 23:27:21,441 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,441 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110102  
2023-11-19 23:27:21,441 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110103  
2023-11-19 23:27:21,441 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,441 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:27:21,441 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110103  
2023-11-19 23:27:21,442 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [Transaction] [INFO] Available credit limit for the transaction : 2513.3222861417744  
2023-11-19 23:27:21,442 [Transaction] [INFO] Random purchase amount : 1613.8607441109918  
2023-11-19 23:27:21,442 [main] [INFO] Customer purchased an amount of 1613.8607441109918  
2023-11-19 23:27:21,442 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,442 [Transaction] [INFO] Interest to be added for the days : 122.8723043315298  
2023-11-19 23:27:21,442 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110104  
2023-11-19 23:27:21,442 [Transaction] [INFO] Available credit limit for the transaction : 899.4615420307819  
2023-11-19 23:27:21,442 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,442 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110103  
2023-11-19 23:27:21,442 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110104  
2023-11-19 23:27:21,442 [Transaction] [INFO] Random generated number from 1 to 7 :

6

2023-11-19 23:27:21,442 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:27:21,442 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110104  
2023-11-19 23:27:21,442 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [Transaction] [INFO] Available credit limit for the  
transaction : 776.5892376992524  
2023-11-19 23:27:21,442 [Transaction] [INFO] Random purchase amount :  
189.27489943983684  
2023-11-19 23:27:21,442 [main] [INFO] Customer purchased an amount of  
189.27489943983684  
2023-11-19 23:27:21,442 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,442 [Transaction] [INFO] Interest to be added for the days :  
177.29697168706647  
2023-11-19 23:27:21,442 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110105  
2023-11-19 23:27:21,442 [Transaction] [INFO] Available credit limit for the  
transaction : 587.3143382594153  
2023-11-19 23:27:21,442 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,442 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110104  
2023-11-19 23:27:21,442 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110105  
2023-11-19 23:27:21,442 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,442 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,442 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110105  
2023-11-19 23:27:21,442 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,442 [Transaction] [INFO] Available credit limit for the  
transaction : 410.0173665723487  
2023-11-19 23:27:21,443 [Transaction] [INFO] Random purchase amount :  
338.24858253652525  
2023-11-19 23:27:21,443 [main] [INFO] Customer purchased an amount of  
338.24858253652525  
2023-11-19 23:27:21,443 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,443 [Transaction] [INFO] Interest to be added for the days :  
212.09571774574468  
2023-11-19 23:27:21,443 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110106  
2023-11-19 23:27:21,443 [Transaction] [INFO] Available credit limit for the  
transaction : 71.76878403582305  
2023-11-19 23:27:21,443 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,443 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110105  
2023-11-19 23:27:21,443 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110106  
2023-11-19 23:27:21,443 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,443 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,443 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000110106  
2023-11-19 23:27:21,443 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,443 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,443 [Transaction] [INFO] Available credit limit for the  
transaction : -140.32693370992092  
2023-11-19 23:27:21,443 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,443 [Transaction] [INFO] Interest to be added for the days :  
234.0644150344844  
2023-11-19 23:27:21,443 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110107  
2023-11-19 23:27:21,443 [Transaction] [INFO] Available credit limit for the  
transaction : -140.32693370992092  
2023-11-19 23:27:21,443 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,443 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110106  
2023-11-19 23:27:21,443 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110107  
2023-11-19 23:27:21,443 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,443 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:27:21,443 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110107  
2023-11-19 23:27:21,443 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,443 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,443 [Transaction] [INFO] Available credit limit for the  
transaction : -374.39134874440606  
2023-11-19 23:27:21,443 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,443 [Transaction] [INFO] Interest to be added for the days :  
275.734280884607  
2023-11-19 23:27:21,443 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110108  
2023-11-19 23:27:21,443 [Transaction] [INFO] Available credit limit for the  
transaction : -374.39134874440606  
2023-11-19 23:27:21,444 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110107  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110108  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 1  
2023-11-19 23:27:21,444 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:27:21,444 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,444 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,444 [Transaction] [INFO] Next payment day : 4 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,444 [main] [INFO] Generating transaction for day : 1

2023-11-19 23:27:21,444 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110201  
2023-11-19 23:27:21,444 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,444 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,444 [Transaction] [INFO] Available credit limit for the transaction : -650.1256296290139  
2023-11-19 23:27:21,444 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,444 [Transaction] [INFO] Interest to be added for the days : 9.297059951374504  
2023-11-19 23:27:21,444 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110202  
2023-11-19 23:27:21,444 [Transaction] [INFO] Available credit limit for the transaction : -650.1256296290139  
2023-11-19 23:27:21,444 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110201  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110202  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,444 [main] [INFO] Generating payment transaction for day : 4  
2023-11-19 23:27:21,444 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110202  
2023-11-19 23:27:21,444 [Transaction] [INFO] Available credit limit for the transaction : -659.4226895803877  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random portion from 0 to 1 : 0.3808920252015664  
2023-11-19 23:27:21,444 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110202  
2023-11-19 23:27:21,444 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,444 [Transaction] [INFO] Next payment day : 7 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,445 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,445 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110203  
2023-11-19 23:27:21,445 [Transaction] [INFO] Type of the transaction : TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,445 [main] [INFO] Current transaction type is TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,445 [Transaction] [INFO] Available cash advance for the transaction : 1189.95300000000002  
2023-11-19 23:27:21,445 [Transaction] [INFO] Random cash amount : 1014.8084381024088  
2023-11-19 23:27:21,445 [main] [INFO] Customer has withdrawn cash of 1014.8084381024088  
2023-11-19 23:27:21,445 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,445 [Transaction] [INFO] Interest to be added for the days : 32.60797951541897  
2023-11-19 23:27:21,445 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110204  
2023-11-19 23:27:21,445 [Transaction] [INFO] Available credit limit for the transaction : 3109.3737966621375  
2023-11-19 23:27:21,445 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,445 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110203  
2023-11-19 23:27:21,445 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110204  
2023-11-19 23:27:21,445 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,445 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:27:21,445 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110204  
2023-11-19 23:27:21,445 [Transaction] [INFO] Available credit limit for the  
transaction : 3076.765817146719  
2023-11-19 23:27:21,445 [Transaction] [INFO] Random portion from 0 to 1 :  
0.40852131976855766  
2023-11-19 23:27:21,445 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110204  
2023-11-19 23:27:21,445 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,445 [Transaction] [INFO] Next payment day : 9 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,445 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:27:21,445 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110205  
2023-11-19 23:27:21,445 [Transaction] [INFO] Available credit limit for the  
transaction : 6681.053085132702  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random portion from 0 to 1 :  
0.02974563773815797  
2023-11-19 23:27:21,446 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110205  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,446 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,446 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,446 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110206  
2023-11-19 23:27:21,446 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,446 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,446 [Transaction] [INFO] Available credit limit for the  
transaction : 6836.280008987285  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random purchase amount :  
826.3629554948761  
2023-11-19 23:27:21,446 [main] [INFO] Customer purchased an amount of  
826.3629554948761  
2023-11-19 23:27:21,446 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,446 [Transaction] [INFO] Interest to be added for the days :  
48.17287125152737  
2023-11-19 23:27:21,446 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110207  
2023-11-19 23:27:21,446 [Transaction] [INFO] Available credit limit for the  
transaction : 6009.917053492409  
2023-11-19 23:27:21,446 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,446 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110206  
2023-11-19 23:27:21,446 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110207  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random generated number from 1 to 7 :  
5

2023-11-19 23:27:21,446 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:27:21,446 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110207  
2023-11-19 23:27:21,446 [Transaction] [INFO] Available credit limit for the  
transaction : 5961.744182240881  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8568362851450279  
2023-11-19 23:27:21,446 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110207  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,446 [Transaction] [INFO] Next payment day : 20 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,446 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,446 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110208  
2023-11-19 23:27:21,446 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,446 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,446 [Transaction] [INFO] Available credit limit for the  
transaction : 11049.454524316436  
2023-11-19 23:27:21,446 [Transaction] [INFO] Random purchase amount :  
1864.6218774589202  
2023-11-19 23:27:21,446 [main] [INFO] Customer purchased an amount of  
1864.6218774589202  
2023-11-19 23:27:21,447 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,447 [Transaction] [INFO] Interest to be added for the days :  
32.3571210544225  
2023-11-19 23:27:21,447 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110209  
2023-11-19 23:27:21,447 [Transaction] [INFO] Available credit limit for the  
transaction : 9184.832646857516  
2023-11-19 23:27:21,447 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,447 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110208  
2023-11-19 23:27:21,447 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110209  
2023-11-19 23:27:21,447 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,447 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:27:21,447 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110209  
2023-11-19 23:27:21,447 [Transaction] [INFO] Available credit limit for the  
transaction : 9152.475525803095  
2023-11-19 23:27:21,447 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8567538894088615  
2023-11-19 23:27:21,447 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110209  
2023-11-19 23:27:21,447 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,447 [Transaction] [INFO] Next payment day : 21 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,447 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:27:21,447 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110210  
2023-11-19 23:27:21,447 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,447 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,447 [Transaction] [INFO] Available credit limit for the  
transaction : 11506.025130989308  
2023-11-19 23:27:21,447 [Transaction] [INFO] Random purchase amount :  
8994.070369245523  
2023-11-19 23:27:21,447 [main] [INFO] Customer purchased an amount of  
8994.070369245523  
2023-11-19 23:27:21,447 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,447 [Transaction] [INFO] Interest to be added for the days :  
147.13197758919165  
2023-11-19 23:27:21,449 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110211  
2023-11-19 23:27:21,449 [Transaction] [INFO] Available credit limit for the  
transaction : 2511.9547617437856  
2023-11-19 23:27:21,449 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110210  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110211  
2023-11-19 23:27:21,449 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,449 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:27:21,449 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110211  
2023-11-19 23:27:21,449 [Transaction] [INFO] Available credit limit for the  
transaction : 2364.822784154594  
2023-11-19 23:27:21,449 [Transaction] [INFO] Random portion from 0 to 1 :  
0.20637668658791608  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110211  
2023-11-19 23:27:21,449 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,449 [Transaction] [INFO] Next payment day : 28 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,449 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,449 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110212  
2023-11-19 23:27:21,449 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,449 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,449 [Transaction] [INFO] Available credit limit for the  
transaction : 4332.564066946663  
2023-11-19 23:27:21,449 [Transaction] [INFO] Random purchase amount :  
2181.969903920759  
2023-11-19 23:27:21,449 [main] [INFO] Customer purchased an amount of  
2181.969903920759  
2023-11-19 23:27:21,449 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,449 [Transaction] [INFO] Interest to be added for the days :  
174.8181676858174  
2023-11-19 23:27:21,449 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110213  
2023-11-19 23:27:21,449 [Transaction] [INFO] Available credit limit for the  
transaction : 2150.594163025904  
2023-11-19 23:27:21,449 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110212  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110213  
2023-11-19 23:27:21,449 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,449 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 2  
2023-11-19 23:27:21,449 [main] [INFO] Generating account activity for month : 3  
2023-11-19 23:27:21,449 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,450 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,450 [Transaction] [INFO] Next payment day : 3 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,450 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:27:21,450 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110301  
2023-11-19 23:27:21,450 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,450 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,450 [Transaction] [INFO] Available credit limit for the  
transaction : 1975.7759953400873  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random purchase amount :  
893.281996057307  
2023-11-19 23:27:21,450 [main] [INFO] Customer purchased an amount of  
893.281996057307  
2023-11-19 23:27:21,450 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,450 [Transaction] [INFO] Interest to be added for the days :  
16.032931284583494  
2023-11-19 23:27:21,450 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110302  
2023-11-19 23:27:21,450 [Transaction] [INFO] Available credit limit for the  
transaction : 1082.4939992827804  
2023-11-19 23:27:21,450 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,450 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110301  
2023-11-19 23:27:21,450 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110302  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,450 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:27:21,450 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110302  
2023-11-19 23:27:21,450 [Transaction] [INFO] Available credit limit for the  
transaction : 1066.461067998196  
2023-11-19 23:27:21,450 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110302  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,450 [Transaction] [INFO] Next payment day : 5 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,450 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,450 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110303

2023-11-19 23:27:21,450 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,450 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,450 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,450 [Transaction] [INFO] Random purchase amount :  
10599.835149931449  
2023-11-19 23:27:21,450 [main] [INFO] Customer purchased an amount of  
10599.835149931449  
2023-11-19 23:27:21,450 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,451 [Transaction] [INFO] Interest to be added for the days :  
39.32116784278918  
2023-11-19 23:27:21,451 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110304  
2023-11-19 23:27:21,451 [Transaction] [INFO] Available credit limit for the  
transaction : 1299.6948500685521  
2023-11-19 23:27:21,451 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,451 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110303  
2023-11-19 23:27:21,451 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110304  
2023-11-19 23:27:21,451 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,451 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:27:21,451 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110304  
2023-11-19 23:27:21,451 [Transaction] [INFO] Available credit limit for the  
transaction : 1260.3736822257633  
2023-11-19 23:27:21,451 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110304  
2023-11-19 23:27:21,451 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,451 [Transaction] [INFO] Next payment day : 6 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,451 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,451 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110305  
2023-11-19 23:27:21,451 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,451 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,451 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,451 [Transaction] [INFO] Random purchase amount :  
1776.3166716897122  
2023-11-19 23:27:21,451 [main] [INFO] Customer purchased an amount of  
1776.3166716897122  
2023-11-19 23:27:21,451 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,451 [Transaction] [INFO] Interest to be added for the days :  
7.910243487145693  
2023-11-19 23:27:21,452 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110306  
2023-11-19 23:27:21,452 [Transaction] [INFO] Available credit limit for the  
transaction : 10123.213328310288  
2023-11-19 23:27:21,452 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,452 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000110305  
2023-11-19 23:27:21,452 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110306  
2023-11-19 23:27:21,452 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,452 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:27:21,452 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110306  
2023-11-19 23:27:21,452 [Transaction] [INFO] Available credit limit for the  
transaction : 10115.303084823143  
2023-11-19 23:27:21,452 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110306  
2023-11-19 23:27:21,452 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,452 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,453 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,453 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110307  
2023-11-19 23:27:21,453 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,453 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,453 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,453 [Transaction] [INFO] Random purchase amount :  
1197.3981317804605  
2023-11-19 23:27:21,453 [main] [INFO] Customer purchased an amount of  
1197.3981317804605  
2023-11-19 23:27:21,453 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,453 [Transaction] [INFO] Interest to be added for the days :  
11.583161538992245  
2023-11-19 23:27:21,453 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110308  
2023-11-19 23:27:21,453 [Transaction] [INFO] Available credit limit for the  
transaction : 10702.13186821954  
2023-11-19 23:27:21,453 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,453 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110307  
2023-11-19 23:27:21,453 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110308  
2023-11-19 23:27:21,453 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,453 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,453 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110308  
2023-11-19 23:27:21,453 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,453 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,453 [Transaction] [INFO] Available credit limit for the  
transaction : 10690.548706680547  
2023-11-19 23:27:21,453 [Transaction] [INFO] Random purchase amount :  
616.9522731012172  
2023-11-19 23:27:21,453 [main] [INFO] Customer purchased an amount of  
616.9522731012172  
2023-11-19 23:27:21,453 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,453 [Transaction] [INFO] Interest to be added for the days :



21.763734869971724

2023-11-19 23:27:21,453 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110309

2023-11-19 23:27:21,453 [Transaction] [INFO] Available credit limit for the transaction : 10073.59643357933

2023-11-19 23:27:21,453 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,454 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110308

2023-11-19 23:27:21,454 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110309

2023-11-19 23:27:21,454 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:27:21,454 [main] [INFO] Generating transaction for day : 20

2023-11-19 23:27:21,454 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110309

2023-11-19 23:27:21,454 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,454 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,454 [Transaction] [INFO] Available credit limit for the transaction : 10051.832698709359

2023-11-19 23:27:21,454 [Transaction] [INFO] Random purchase amount : 2196.9227764007146

2023-11-19 23:27:21,454 [main] [INFO] Customer purchased an amount of 2196.9227764007146

2023-11-19 23:27:21,454 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,454 [Transaction] [INFO] Interest to be added for the days : 60.350498414658425

2023-11-19 23:27:21,454 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110310

2023-11-19 23:27:21,454 [Transaction] [INFO] Available credit limit for the transaction : 7854.909922308644

2023-11-19 23:27:21,454 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,454 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110309

2023-11-19 23:27:21,454 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110310

2023-11-19 23:27:21,454 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:27:21,454 [main] [INFO] Generating transaction for day : 27

2023-11-19 23:27:21,454 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110310

2023-11-19 23:27:21,454 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,454 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,454 [Transaction] [INFO] Available credit limit for the transaction : 7794.559423893986

2023-11-19 23:27:21,454 [Transaction] [INFO] Random purchase amount : 3678.458324323983

2023-11-19 23:27:21,455 [main] [INFO] Customer purchased an amount of 3678.458324323983

2023-11-19 23:27:21,455 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,455 [Transaction] [INFO] Interest to be added for the days : 157.19429450571633

2023-11-19 23:27:21,455 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110311

2023-11-19 23:27:21,455 [Transaction] [INFO] Available credit limit for the transaction : 4116.101099570003  
2023-11-19 23:27:21,455 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,455 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110310  
2023-11-19 23:27:21,455 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110311  
2023-11-19 23:27:21,455 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,455 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,455 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110311  
2023-11-19 23:27:21,455 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,455 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,455 [Transaction] [INFO] Available credit limit for the transaction : 3958.9068050642863  
2023-11-19 23:27:21,455 [Transaction] [INFO] Random purchase amount : 3741.9860724909586  
2023-11-19 23:27:21,455 [main] [INFO] Customer purchased an amount of 3741.9860724909586  
2023-11-19 23:27:21,455 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,455 [Transaction] [INFO] Interest to be added for the days : 244.7717477446791  
2023-11-19 23:27:21,455 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110312  
2023-11-19 23:27:21,455 [Transaction] [INFO] Available credit limit for the transaction : 216.92073257332777  
2023-11-19 23:27:21,455 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,455 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110311  
2023-11-19 23:27:21,455 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110312  
2023-11-19 23:27:21,455 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,456 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 3  
2023-11-19 23:27:21,456 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:27:21,456 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:27:21,456 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,456 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,456 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,456 [Transaction] [INFO] Next payment day : 3 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,456 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:27:21,456 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110401  
2023-11-19 23:27:21,456 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,456 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,456 [Transaction] [INFO] Available credit limit for the transaction : -27.85101517135081

2023-11-19 23:27:21,456 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,456 [Transaction] [INFO] Interest to be added for the days :  
17.678676507003257  
2023-11-19 23:27:21,456 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110402  
2023-11-19 23:27:21,456 [Transaction] [INFO] Available credit limit for the  
transaction : -27.85101517135081  
2023-11-19 23:27:21,456 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,456 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110401  
2023-11-19 23:27:21,456 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110402  
2023-11-19 23:27:21,456 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,456 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:27:21,456 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110402  
2023-11-19 23:27:21,456 [Transaction] [INFO] Available credit limit for the  
transaction : -45.52969167835363  
2023-11-19 23:27:21,456 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110402  
2023-11-19 23:27:21,456 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,456 [Transaction] [INFO] Next payment day : 4 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,456 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,456 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110403  
2023-11-19 23:27:21,456 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,456 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,456 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,457 [Transaction] [INFO] Random purchase amount :  
3358.8138693110855  
2023-11-19 23:27:21,457 [main] [INFO] Customer purchased an amount of  
3358.8138693110855  
2023-11-19 23:27:21,457 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,457 [Transaction] [INFO] Interest to be added for the days :  
12.459862067640126  
2023-11-19 23:27:21,457 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110404  
2023-11-19 23:27:21,457 [Transaction] [INFO] Available credit limit for the  
transaction : 8540.716130688916  
2023-11-19 23:27:21,457 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,457 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110403  
2023-11-19 23:27:21,457 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110404  
2023-11-19 23:27:21,457 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,457 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,457 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110404  
2023-11-19 23:27:21,457 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,457 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,457 [Transaction] [INFO] Available credit limit for the  
transaction : 8528.256268621275  
2023-11-19 23:27:21,457 [Transaction] [INFO] Random purchase amount :  
2678.721037115278  
2023-11-19 23:27:21,457 [main] [INFO] Customer purchased an amount of  
2678.721037115278  
2023-11-19 23:27:21,457 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,457 [Transaction] [INFO] Interest to be added for the days :  
26.94166669573705  
2023-11-19 23:27:21,457 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110405  
2023-11-19 23:27:21,457 [Transaction] [INFO] Available credit limit for the  
transaction : 5849.535231505997  
2023-11-19 23:27:21,457 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,457 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110404  
2023-11-19 23:27:21,457 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110405  
2023-11-19 23:27:21,457 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,457 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:27:21,458 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110405  
2023-11-19 23:27:21,458 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,458 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,458 [Transaction] [INFO] Available credit limit for the  
transaction : 5822.59356481026  
2023-11-19 23:27:21,458 [Transaction] [INFO] Random purchase amount :  
3902.1977444632525  
2023-11-19 23:27:21,458 [main] [INFO] Customer purchased an amount of  
3902.1977444632525  
2023-11-19 23:27:21,458 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,458 [Transaction] [INFO] Interest to be added for the days :  
59.29566613550773  
2023-11-19 23:27:21,458 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110406  
2023-11-19 23:27:21,458 [Transaction] [INFO] Available credit limit for the  
transaction : 1920.3958203470083  
2023-11-19 23:27:21,458 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,458 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110405  
2023-11-19 23:27:21,458 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110406  
2023-11-19 23:27:21,458 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,458 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,458 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110406  
2023-11-19 23:27:21,458 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,458 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,458 [Transaction] [INFO] Available credit limit for the

transaction : 1861.100154211501  
2023-11-19 23:27:21,458 [Transaction] [INFO] Random purchase amount :  
821.642078475861  
2023-11-19 23:27:21,458 [main] [INFO] Customer purchased an amount of  
821.642078475861  
2023-11-19 23:27:21,458 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,458 [Transaction] [INFO] Interest to be added for the days :  
88.82771267679598  
2023-11-19 23:27:21,458 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110407  
2023-11-19 23:27:21,458 [Transaction] [INFO] Available credit limit for the  
transaction : 1039.4580757356398  
2023-11-19 23:27:21,458 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,458 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110406  
2023-11-19 23:27:21,458 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110407  
2023-11-19 23:27:21,458 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,458 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:27:21,458 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110407  
2023-11-19 23:27:21,459 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [Transaction] [INFO] Available credit limit for the  
transaction : 950.6303630588445  
2023-11-19 23:27:21,459 [Transaction] [INFO] Random purchase amount :  
459.0182690290531  
2023-11-19 23:27:21,459 [main] [INFO] Customer purchased an amount of  
459.0182690290531  
2023-11-19 23:27:21,459 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,459 [Transaction] [INFO] Interest to be added for the days :  
144.5256447589643  
2023-11-19 23:27:21,459 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110408  
2023-11-19 23:27:21,459 [Transaction] [INFO] Available credit limit for the  
transaction : 491.6120940297915  
2023-11-19 23:27:21,459 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,459 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110407  
2023-11-19 23:27:21,459 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110408  
2023-11-19 23:27:21,459 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,459 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:27:21,459 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110408  
2023-11-19 23:27:21,459 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [Transaction] [INFO] Available credit limit for the  
transaction : 347.08644927082787  
2023-11-19 23:27:21,459 [Transaction] [INFO] Random purchase amount :  
143.78787782208732

2023-11-19 23:27:21,459 [main] [INFO] Customer purchased an amount of  
143.78787782208732  
2023-11-19 23:27:21,459 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,459 [Transaction] [INFO] Interest to be added for the days :  
192.11630056426125  
2023-11-19 23:27:21,459 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110409  
2023-11-19 23:27:21,459 [Transaction] [INFO] Available credit limit for the  
transaction : 203.2985714487404  
2023-11-19 23:27:21,459 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,459 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110408  
2023-11-19 23:27:21,459 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110409  
2023-11-19 23:27:21,459 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,459 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,459 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110409  
2023-11-19 23:27:21,459 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,459 [Transaction] [INFO] Available credit limit for the  
transaction : 11.182270884479294  
2023-11-19 23:27:21,459 [Transaction] [INFO] Random purchase amount :  
1.4867092466154859  
2023-11-19 23:27:21,459 [main] [INFO] Customer purchased an amount of  
1.4867092466154859  
2023-11-19 23:27:21,459 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,460 [Transaction] [INFO] Interest to be added for the days :  
240.12734750167135  
2023-11-19 23:27:21,460 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110410  
2023-11-19 23:27:21,460 [Transaction] [INFO] Available credit limit for the  
transaction : 9.695561637863648  
2023-11-19 23:27:21,460 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,460 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110409  
2023-11-19 23:27:21,460 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110410  
2023-11-19 23:27:21,460 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,460 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000011, month : 4  
2023-11-19 23:27:21,460 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:27:21,460 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,460 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,460 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,460 [Transaction] [INFO] Next payment day : 10000 for given  
payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,460 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,460 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110501  
2023-11-19 23:27:21,460 [Transaction] [INFO] Type of the transaction :

TransactionType.PURCHASE  
2023-11-19 23:27:21,460 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,460 [Transaction] [INFO] Available credit limit for the  
transaction : -230.43178586380782  
2023-11-19 23:27:21,460 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,460 [Transaction] [INFO] Interest to be added for the days :  
63.04296335413082  
2023-11-19 23:27:21,460 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110502  
2023-11-19 23:27:21,460 [Transaction] [INFO] Available credit limit for the  
transaction : -230.43178586380782  
2023-11-19 23:27:21,460 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,460 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110501  
2023-11-19 23:27:21,460 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110502  
2023-11-19 23:27:21,460 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,460 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,460 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110502  
2023-11-19 23:27:21,460 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,460 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,460 [Transaction] [INFO] Available credit limit for the  
transaction : -293.47474921793946  
2023-11-19 23:27:21,461 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest to be added for the days :  
108.836888548226  
2023-11-19 23:27:21,461 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110503  
2023-11-19 23:27:21,461 [Transaction] [INFO] Available credit limit for the  
transaction : -293.47474921793946  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110502  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110503  
2023-11-19 23:27:21,461 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,461 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,461 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110503  
2023-11-19 23:27:21,461 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,461 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,461 [Transaction] [INFO] Available credit limit for the  
transaction : -402.3116377661663  
2023-11-19 23:27:21,461 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest to be added for the days :  
119.00320798518862  
2023-11-19 23:27:21,461 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110504  
2023-11-19 23:27:21,461 [Transaction] [INFO] Available credit limit for the

transaction : -402.3116377661663  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110503  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110504  
2023-11-19 23:27:21,461 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,461 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,461 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110504  
2023-11-19 23:27:21,461 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,461 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,461 [Transaction] [INFO] Available credit limit for the transaction : -521.3148457513544  
2023-11-19 23:27:21,461 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest to be added for the days : 148.04699308633468  
2023-11-19 23:27:21,461 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110505  
2023-11-19 23:27:21,461 [Transaction] [INFO] Available credit limit for the transaction : -521.3148457513544  
2023-11-19 23:27:21,461 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110504  
2023-11-19 23:27:21,461 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110505  
2023-11-19 23:27:21,461 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,462 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110505  
2023-11-19 23:27:21,462 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,462 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available credit limit for the transaction : -669.361838837689  
2023-11-19 23:27:21,462 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest to be added for the days : 215.91442640386643  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110506  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available credit limit for the transaction : -669.361838837689  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,462 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110505  
2023-11-19 23:27:21,462 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110506  
2023-11-19 23:27:21,462 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,462 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000110506  
2023-11-19 23:27:21,462 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,462 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available cash advance for the  
transaction : -885.2762652415549  
2023-11-19 23:27:21,462 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest to be added for the days :  
229.25747413693085  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110507  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available credit limit for the  
transaction : -885.2762652415549  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,462 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110506  
2023-11-19 23:27:21,462 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110507  
2023-11-19 23:27:21,462 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,462 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110507  
2023-11-19 23:27:21,462 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,462 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available credit limit for the  
transaction : -1114.5337393784866  
2023-11-19 23:27:21,462 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest to be added for the days :  
243.182513224409  
2023-11-19 23:27:21,462 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110508  
2023-11-19 23:27:21,462 [Transaction] [INFO] Available credit limit for the  
transaction : -1114.5337393784866  
2023-11-19 23:27:21,462 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110507  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110508  
2023-11-19 23:27:21,463 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,463 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,463 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110508  
2023-11-19 23:27:21,463 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,463 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,463 [Transaction] [INFO] Available credit limit for the  
transaction : -1357.716252602895  
2023-11-19 23:27:21,463 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,463 [Transaction] [INFO] Interest to be added for the days :  
277.7632343297555  
2023-11-19 23:27:21,463 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000110509  
2023-11-19 23:27:21,463 [Transaction] [INFO] Available credit limit for the transaction : -1357.716252602895  
2023-11-19 23:27:21,463 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110508  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110509  
2023-11-19 23:27:21,463 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 5  
2023-11-19 23:27:21,463 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:27:21,463 [Transaction] [INFO] Payment type for next payment : DAILY  
2023-11-19 23:27:21,463 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,463 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,463 [Transaction] [INFO] Next payment day : 1 for given payment type : DAILY  
2023-11-19 23:27:21,463 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:27:21,463 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110601  
2023-11-19 23:27:21,463 [Transaction] [INFO] Available credit limit for the transaction : -1635.4794869326506  
2023-11-19 23:27:21,463 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110601  
2023-11-19 23:27:21,463 [Transaction] [INFO] Next payment day : 2 for given payment type : DAILY  
2023-11-19 23:27:21,463 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,463 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110602  
2023-11-19 23:27:21,463 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,463 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,463 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,463 [Transaction] [INFO] Random purchase amount : 10868.749055833587  
2023-11-19 23:27:21,463 [main] [INFO] Customer purchased an amount of 10868.749055833587  
2023-11-19 23:27:21,463 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest to be added for the days : 40.31873135954881  
2023-11-19 23:27:21,464 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110603  
2023-11-19 23:27:21,464 [Transaction] [INFO] Available credit limit for the transaction : 1030.780944166414  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,464 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110602  
2023-11-19 23:27:21,464 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110603  
2023-11-19 23:27:21,464 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,464 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,464 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000110603  
2023-11-19 23:27:21,464 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,464 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,464 [Transaction] [INFO] Available credit limit for the  
transaction : 990.4622128068659  
2023-11-19 23:27:21,464 [Transaction] [INFO] Random purchase amount :  
811.1882768903456  
2023-11-19 23:27:21,464 [main] [INFO] Customer purchased an amount of  
811.1882768903456  
2023-11-19 23:27:21,464 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest to be added for the days :  
78.37556586680674  
2023-11-19 23:27:21,464 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110604  
2023-11-19 23:27:21,464 [Transaction] [INFO] Available credit limit for the  
transaction : 179.2739359165207  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,464 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110603  
2023-11-19 23:27:21,464 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110604  
2023-11-19 23:27:21,464 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,464 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,464 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110604  
2023-11-19 23:27:21,464 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,464 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,464 [Transaction] [INFO] Available credit limit for the  
transaction : 100.89837004971378  
2023-11-19 23:27:21,464 [Transaction] [INFO] Random purchase amount :  
31.320409564923953  
2023-11-19 23:27:21,464 [main] [INFO] Customer purchased an amount of  
31.320409564923953  
2023-11-19 23:27:21,464 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest to be added for the days :  
114.43833244376499  
2023-11-19 23:27:21,464 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110605  
2023-11-19 23:27:21,464 [Transaction] [INFO] Available credit limit for the  
transaction : 69.57796048479031  
2023-11-19 23:27:21,464 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110604  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110605  
2023-11-19 23:27:21,465 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,465 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,465 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110605  
2023-11-19 23:27:21,465 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,465 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,465 [Transaction] [INFO] Available credit limit for the  
transaction : -44.86037195897552  
2023-11-19 23:27:21,465 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,465 [Transaction] [INFO] Interest to be added for the days :  
142.36801930770145  
2023-11-19 23:27:21,465 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110606  
2023-11-19 23:27:21,465 [Transaction] [INFO] Available credit limit for the  
transaction : -44.86037195897552  
2023-11-19 23:27:21,465 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110605  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110606  
2023-11-19 23:27:21,465 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,465 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:27:21,465 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110606  
2023-11-19 23:27:21,465 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,465 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,465 [Transaction] [INFO] Available credit limit for the  
transaction : -187.22839126667714  
2023-11-19 23:27:21,465 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,465 [Transaction] [INFO] Interest to be added for the days :  
180.34868025153548  
2023-11-19 23:27:21,465 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110607  
2023-11-19 23:27:21,465 [Transaction] [INFO] Available credit limit for the  
transaction : -187.22839126667714  
2023-11-19 23:27:21,465 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110606  
2023-11-19 23:27:21,465 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110607  
2023-11-19 23:27:21,465 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,465 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,465 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110607  
2023-11-19 23:27:21,465 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,465 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,465 [Transaction] [INFO] Available credit limit for the  
transaction : -367.5770715182134  
2023-11-19 23:27:21,465 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,466 [Transaction] [INFO] Interest to be added for the days :  
219.97407890563858  
2023-11-19 23:27:21,466 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110608  
2023-11-19 23:27:21,466 [Transaction] [INFO] Available credit limit for the  
transaction : -367.5770715182134

2023-11-19 23:27:21,466 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110607

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110608

2023-11-19 23:27:21,466 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:27:21,466 [main] [INFO] Generating transaction for day : 28

2023-11-19 23:27:21,466 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110608

2023-11-19 23:27:21,466 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,466 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,466 [Transaction] [INFO] Available credit limit for the transaction : -587.5511504238511

2023-11-19 23:27:21,466 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,466 [Transaction] [INFO] Interest to be added for the days : 261.62688552299204

2023-11-19 23:27:21,466 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110609

2023-11-19 23:27:21,466 [Transaction] [INFO] Available credit limit for the transaction : -587.5511504238511

2023-11-19 23:27:21,466 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110608

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110609

2023-11-19 23:27:21,466 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 6

2023-11-19 23:27:21,466 [main] [INFO] Generating account activity for month : 7

2023-11-19 23:27:21,466 [Transaction] [INFO] Payment type for next payment : DAILY

2023-11-19 23:27:21,466 [main] [INFO] Generating monthly activity data

2023-11-19 23:27:21,466 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:27:21,466 [Transaction] [INFO] Next payment day : 1 for given payment type : DAILY

2023-11-19 23:27:21,466 [main] [INFO] Generating payment transaction for day : 1

2023-11-19 23:27:21,466 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110701

2023-11-19 23:27:21,466 [Transaction] [INFO] Available credit limit for the transaction : -849.178035946843

2023-11-19 23:27:21,466 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110701

2023-11-19 23:27:21,466 [Transaction] [INFO] Next payment day : 2 for given payment type : DAILY

2023-11-19 23:27:21,466 [main] [INFO] Generating transaction for day : 3

2023-11-19 23:27:21,466 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110702

2023-11-19 23:27:21,466 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,467 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,467 [Transaction] [INFO] Available credit limit for the transaction : 11899.53

2023-11-19 23:27:21,467 [Transaction] [INFO] Random purchase amount :  
1332.7432717921952  
2023-11-19 23:27:21,467 [main] [INFO] Customer purchased an amount of  
1332.7432717921952  
2023-11-19 23:27:21,467 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,467 [Transaction] [INFO] Interest to be added for the days :  
2.964171118474264  
2023-11-19 23:27:21,468 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110703  
2023-11-19 23:27:21,468 [Transaction] [INFO] Available credit limit for the  
transaction : 10566.786728207806  
2023-11-19 23:27:21,468 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,468 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110702  
2023-11-19 23:27:21,468 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110703  
2023-11-19 23:27:21,468 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,468 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,468 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110703  
2023-11-19 23:27:21,468 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,468 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,468 [Transaction] [INFO] Available credit limit for the  
transaction : 10563.822557089332  
2023-11-19 23:27:21,468 [Transaction] [INFO] Random purchase amount :  
3382.64295369218  
2023-11-19 23:27:21,468 [main] [INFO] Customer purchased an amount of  
3382.64295369218  
2023-11-19 23:27:21,468 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,468 [Transaction] [INFO] Interest to be added for the days :  
21.011625398581316  
2023-11-19 23:27:21,468 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110704  
2023-11-19 23:27:21,468 [Transaction] [INFO] Available credit limit for the  
transaction : 7181.179603397151  
2023-11-19 23:27:21,468 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,468 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110703  
2023-11-19 23:27:21,468 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110704  
2023-11-19 23:27:21,468 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,468 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,468 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110704  
2023-11-19 23:27:21,469 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,469 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,469 [Transaction] [INFO] Available credit limit for the  
transaction : 7160.16797799857  
2023-11-19 23:27:21,469 [Transaction] [INFO] Random purchase amount :  
2924.5114504474413  
2023-11-19 23:27:21,469 [main] [INFO] Customer purchased an amount of

2924.5114504474413  
2023-11-19 23:27:21,469 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,469 [Transaction] [INFO] Interest to be added for the days :  
39.8313946081309  
2023-11-19 23:27:21,469 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110705  
2023-11-19 23:27:21,469 [Transaction] [INFO] Available credit limit for the  
transaction : 4235.656527551128  
2023-11-19 23:27:21,469 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,469 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110704  
2023-11-19 23:27:21,469 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110705  
2023-11-19 23:27:21,469 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,469 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,469 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110705  
2023-11-19 23:27:21,469 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,469 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,469 [Transaction] [INFO] Available credit limit for the  
transaction : 4195.825132942998  
2023-11-19 23:27:21,469 [Transaction] [INFO] Random purchase amount :  
1425.6019135512206  
2023-11-19 23:27:21,469 [main] [INFO] Customer purchased an amount of  
1425.6019135512206  
2023-11-19 23:27:21,469 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,469 [Transaction] [INFO] Interest to be added for the days :  
74.67127706901663  
2023-11-19 23:27:21,469 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110706  
2023-11-19 23:27:21,469 [Transaction] [INFO] Available credit limit for the  
transaction : 2770.223219391777  
2023-11-19 23:27:21,469 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,469 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110705  
2023-11-19 23:27:21,469 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110706  
2023-11-19 23:27:21,469 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,469 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:27:21,470 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110706  
2023-11-19 23:27:21,470 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,470 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,470 [Transaction] [INFO] Available credit limit for the  
transaction : 2695.5519423227597  
2023-11-19 23:27:21,470 [Transaction] [INFO] Random purchase amount :  
587.1862110256191  
2023-11-19 23:27:21,470 [main] [INFO] Customer purchased an amount of  
587.1862110256191  
2023-11-19 23:27:21,470 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,470 [Transaction] [INFO] Interest to be added for the days :

102.03957308635185

2023-11-19 23:27:21,470 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110707

2023-11-19 23:27:21,470 [Transaction] [INFO] Available credit limit for the transaction : 2108.365731297141

2023-11-19 23:27:21,470 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,470 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110706

2023-11-19 23:27:21,470 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110707

2023-11-19 23:27:21,470 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:27:21,470 [main] [INFO] Generating transaction for day : 19

2023-11-19 23:27:21,470 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110707

2023-11-19 23:27:21,470 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,470 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,470 [Transaction] [INFO] Available credit limit for the transaction : 2006.3261582107898

2023-11-19 23:27:21,470 [Transaction] [INFO] Random purchase amount : 568.9727959785479

2023-11-19 23:27:21,470 [main] [INFO] Customer purchased an amount of 568.9727959785479

2023-11-19 23:27:21,470 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,470 [Transaction] [INFO] Interest to be added for the days : 148.24757099988983

2023-11-19 23:27:21,470 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110708

2023-11-19 23:27:21,470 [Transaction] [INFO] Available credit limit for the transaction : 1437.3533622322411

2023-11-19 23:27:21,470 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,470 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110707

2023-11-19 23:27:21,470 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110708

2023-11-19 23:27:21,470 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:27:21,470 [main] [INFO] Generating transaction for day : 25

2023-11-19 23:27:21,470 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110708

2023-11-19 23:27:21,471 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,471 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,471 [Transaction] [INFO] Available credit limit for the transaction : 1289.1057912323504

2023-11-19 23:27:21,471 [Transaction] [INFO] Random purchase amount : 476.8616555359426

2023-11-19 23:27:21,471 [main] [INFO] Customer purchased an amount of 476.8616555359426

2023-11-19 23:27:21,471 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,471 [Transaction] [INFO] Interest to be added for the days : 207.17848746663472

2023-11-19 23:27:21,471 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110709



2023-11-19 23:27:21,471 [Transaction] [INFO] Available credit limit for the transaction : 812.2441356964082  
2023-11-19 23:27:21,471 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,471 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110708  
2023-11-19 23:27:21,471 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110709  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,471 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 7  
2023-11-19 23:27:21,471 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:27:21,471 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,471 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,471 [Transaction] [INFO] Next payment day : 3 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,471 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:27:21,471 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110801  
2023-11-19 23:27:21,471 [Transaction] [INFO] Available credit limit for the transaction : 605.0656482297727  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random portion from 0 to 1 : 0.20133920840658492  
2023-11-19 23:27:21,471 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110801  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,471 [Transaction] [INFO] Next payment day : 6 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,471 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,471 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110802  
2023-11-19 23:27:21,471 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,471 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,471 [Transaction] [INFO] Available credit limit for the transaction : 2879.0841601915836  
2023-11-19 23:27:21,471 [Transaction] [INFO] Random purchase amount : 2498.874424972031  
2023-11-19 23:27:21,471 [main] [INFO] Customer purchased an amount of 2498.874424972031  
2023-11-19 23:27:21,471 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,471 [Transaction] [INFO] Interest to be added for the days : 42.73209150514044  
2023-11-19 23:27:21,471 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110803  
2023-11-19 23:27:21,471 [Transaction] [INFO] Available credit limit for the transaction : 380.2097352195524  
2023-11-19 23:27:21,471 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,471 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110802

2023-11-19 23:27:21,473 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110803  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,473 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:27:21,473 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110803  
2023-11-19 23:27:21,473 [Transaction] [INFO] Available credit limit for the transaction : 337.4776437144119  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random portion from 0 to 1 : 0.9360838873309172  
2023-11-19 23:27:21,473 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110803  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,473 [Transaction] [INFO] Next payment day : 13 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,473 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,473 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110804  
2023-11-19 23:27:21,473 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,473 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,473 [Transaction] [INFO] Available credit limit for the transaction : 11160.528558909817  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random purchase amount : 5994.46988592671  
2023-11-19 23:27:21,473 [main] [INFO] Customer purchased an amount of 5994.46988592671  
2023-11-19 23:27:21,473 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,473 [Transaction] [INFO] Interest to be added for the days : 55.07503638326191  
2023-11-19 23:27:21,473 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110805  
2023-11-19 23:27:21,473 [Transaction] [INFO] Available credit limit for the transaction : 5166.058672983107  
2023-11-19 23:27:21,473 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,473 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110804  
2023-11-19 23:27:21,473 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110805  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,473 [main] [INFO] Generating payment transaction for day : 13  
2023-11-19 23:27:21,473 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110805  
2023-11-19 23:27:21,473 [Transaction] [INFO] Available credit limit for the transaction : 5110.983636599844  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random portion from 0 to 1 : 0.7899291170794048  
2023-11-19 23:27:21,473 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110805  
2023-11-19 23:27:21,473 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,474 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,474 [main] [INFO] Generating transaction for day : 15

2023-11-19 23:27:21,474 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110806  
2023-11-19 23:27:21,474 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,474 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,474 [Transaction] [INFO] Available credit limit for the transaction : 10473.454071693133  
2023-11-19 23:27:21,474 [Transaction] [INFO] Random purchase amount : 9726.72919706033  
2023-11-19 23:27:21,474 [main] [INFO] Customer purchased an amount of 9726.72919706033  
2023-11-19 23:27:21,474 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,474 [Transaction] [INFO] Interest to be added for the days : 124.57839428458928  
2023-11-19 23:27:21,474 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110807  
2023-11-19 23:27:21,474 [Transaction] [INFO] Available credit limit for the transaction : 746.724874632806  
2023-11-19 23:27:21,474 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,474 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110806  
2023-11-19 23:27:21,474 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110807  
2023-11-19 23:27:21,474 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,474 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:27:21,474 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110807  
2023-11-19 23:27:21,474 [Transaction] [INFO] Available credit limit for the transaction : 622.1464803482158  
2023-11-19 23:27:21,474 [Transaction] [INFO] Random portion from 0 to 1 : 0.09246059525091355  
2023-11-19 23:27:21,474 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110807  
2023-11-19 23:27:21,474 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,474 [Transaction] [INFO] Next payment day : 21 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,474 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,474 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110808  
2023-11-19 23:27:21,474 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,474 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,474 [Transaction] [INFO] Available credit limit for the transaction : 1664.8600734480624  
2023-11-19 23:27:21,474 [Transaction] [INFO] Random purchase amount : 151.98295051313343  
2023-11-19 23:27:21,474 [main] [INFO] Customer purchased an amount of 151.98295051313343  
2023-11-19 23:27:21,474 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,474 [Transaction] [INFO] Interest to be added for the days : 139.37949444803778  
2023-11-19 23:27:21,474 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110809  
2023-11-19 23:27:21,475 [Transaction] [INFO] Available credit limit for the

transaction : 1512.8771229349295  
2023-11-19 23:27:21,475 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,475 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110808  
2023-11-19 23:27:21,475 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110809  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,475 [main] [INFO] Generating payment transaction for day : 21  
2023-11-19 23:27:21,475 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110809  
2023-11-19 23:27:21,475 [Transaction] [INFO] Available credit limit for the transaction : 1373.4976284868917  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random portion from 0 to 1 : 0.8142955379022999  
2023-11-19 23:27:21,475 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110809  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,475 [Transaction] [INFO] Next payment day : 22 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,475 [main] [INFO] Generating payment transaction for day : 22  
2023-11-19 23:27:21,475 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110810  
2023-11-19 23:27:21,475 [Transaction] [INFO] Available credit limit for the transaction : 9944.79882042518  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random portion from 0 to 1 : 0.1355260465528153  
2023-11-19 23:27:21,475 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110810  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,475 [Transaction] [INFO] Next payment day : 29 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,475 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,475 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110811  
2023-11-19 23:27:21,475 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,475 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,475 [Transaction] [INFO] Available credit limit for the transaction : 10209.715809266476  
2023-11-19 23:27:21,475 [Transaction] [INFO] Random purchase amount : 4104.389596529999  
2023-11-19 23:27:21,475 [main] [INFO] Customer purchased an amount of 4104.389596529999  
2023-11-19 23:27:21,475 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,475 [Transaction] [INFO] Interest to be added for the days : 108.27125695239789  
2023-11-19 23:27:21,475 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110812  
2023-11-19 23:27:21,475 [Transaction] [INFO] Available credit limit for the transaction : 6105.326212736478  
2023-11-19 23:27:21,475 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,475 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110811

2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110812  
2023-11-19 23:27:21,476 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,476 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,476 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110812  
2023-11-19 23:27:21,476 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,476 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,476 [Transaction] [INFO] Available credit limit for the transaction : 5997.0549557840795  
2023-11-19 23:27:21,476 [Transaction] [INFO] Random purchase amount : 2283.4751290089134  
2023-11-19 23:27:21,476 [main] [INFO] Customer purchased an amount of 2283.4751290089134  
2023-11-19 23:27:21,476 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,476 [Transaction] [INFO] Interest to be added for the days : 165.32362263474076  
2023-11-19 23:27:21,476 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110813  
2023-11-19 23:27:21,476 [Transaction] [INFO] Available credit limit for the transaction : 3713.579826775166  
2023-11-19 23:27:21,476 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110812  
2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110813  
2023-11-19 23:27:21,476 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,476 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,476 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110813  
2023-11-19 23:27:21,476 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,476 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,476 [Transaction] [INFO] Available credit limit for the transaction : 3548.2562041404253  
2023-11-19 23:27:21,476 [Transaction] [INFO] Random purchase amount : 46.22949697331069  
2023-11-19 23:27:21,476 [main] [INFO] Customer purchased an amount of 46.22949697331069  
2023-11-19 23:27:21,476 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,476 [Transaction] [INFO] Interest to be added for the days : 175.94284894980157  
2023-11-19 23:27:21,476 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110814  
2023-11-19 23:27:21,476 [Transaction] [INFO] Available credit limit for the transaction : 3502.026707167115  
2023-11-19 23:27:21,476 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110813  
2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110814  
2023-11-19 23:27:21,476 [Transaction] [INFO] Random generated number from 1 to 7 :

6

2023-11-19 23:27:21,476 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 8  
2023-11-19 23:27:21,476 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:27:21,477 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:27:21,477 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,477 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,477 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,477 [Transaction] [INFO] Next payment day : 4 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,477 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:27:21,477 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110901  
2023-11-19 23:27:21,477 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,477 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,477 [Transaction] [INFO] Available credit limit for the transaction : 3326.083858217313  
2023-11-19 23:27:21,477 [Transaction] [INFO] Random purchase amount : 2484.942206840992  
2023-11-19 23:27:21,477 [main] [INFO] Customer purchased an amount of 2484.942206840992  
2023-11-19 23:27:21,477 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,477 [Transaction] [INFO] Interest to be added for the days : 16.390661961369688  
2023-11-19 23:27:21,477 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110902  
2023-11-19 23:27:21,477 [Transaction] [INFO] Available credit limit for the transaction : 841.1416513763197  
2023-11-19 23:27:21,477 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,477 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110901  
2023-11-19 23:27:21,477 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110902  
2023-11-19 23:27:21,477 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,477 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,477 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110902  
2023-11-19 23:27:21,477 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,477 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,477 [Transaction] [INFO] Available credit limit for the transaction : 824.7509894149498  
2023-11-19 23:27:21,477 [Transaction] [INFO] Random purchase amount : 688.0931781425229  
2023-11-19 23:27:21,477 [main] [INFO] Customer purchased an amount of 688.0931781425229  
2023-11-19 23:27:21,477 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,477 [Transaction] [INFO] Interest to be added for the days : 26.16195238055346  
2023-11-19 23:27:21,477 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110903

2023-11-19 23:27:21,477 [Transaction] [INFO] Available credit limit for the transaction : 136.65781127242735  
2023-11-19 23:27:21,477 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,477 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110902  
2023-11-19 23:27:21,477 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110903  
2023-11-19 23:27:21,478 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,478 [main] [INFO] Generating transaction for day : 4  
2023-11-19 23:27:21,478 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110903  
2023-11-19 23:27:21,478 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,478 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,478 [Transaction] [INFO] Available credit limit for the transaction : 110.49585889187438  
2023-11-19 23:27:21,478 [Transaction] [INFO] Random purchase amount : 26.485473278448  
2023-11-19 23:27:21,478 [main] [INFO] Customer purchased an amount of 26.485473278448  
2023-11-19 23:27:21,478 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,478 [Transaction] [INFO] Interest to be added for the days : 35.05171017793987  
2023-11-19 23:27:21,478 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110904  
2023-11-19 23:27:21,478 [Transaction] [INFO] Available credit limit for the transaction : 84.01038561342648  
2023-11-19 23:27:21,478 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,478 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110903  
2023-11-19 23:27:21,478 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110904  
2023-11-19 23:27:21,478 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,478 [main] [INFO] Generating payment transaction for day : 4  
2023-11-19 23:27:21,478 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110904  
2023-11-19 23:27:21,478 [Transaction] [INFO] Available credit limit for the transaction : 48.95867543548593  
2023-11-19 23:27:21,478 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110904  
2023-11-19 23:27:21,478 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,478 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,478 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,478 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110905  
2023-11-19 23:27:21,478 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,478 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,478 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,478 [Transaction] [INFO] Random purchase amount :

10644.802472216172  
2023-11-19 23:27:21,478 [main] [INFO] Customer purchased an amount of  
10644.802472216172  
2023-11-19 23:27:21,478 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,478 [Transaction] [INFO] Interest to be added for the days :  
71.1838045806013  
2023-11-19 23:27:21,478 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110906  
2023-11-19 23:27:21,478 [Transaction] [INFO] Available credit limit for the  
transaction : 1254.727527783829  
2023-11-19 23:27:21,478 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,478 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110905  
2023-11-19 23:27:21,478 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110906  
2023-11-19 23:27:21,479 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,479 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,479 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110906  
2023-11-19 23:27:21,479 [Transaction] [INFO] Available credit limit for the  
transaction : 1183.5437232032273  
2023-11-19 23:27:21,479 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110906  
2023-11-19 23:27:21,479 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,479 [Transaction] [INFO] Next payment day : 17 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,479 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:27:21,479 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110907  
2023-11-19 23:27:21,479 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,479 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,479 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,479 [Transaction] [INFO] Random purchase amount :  
6043.307656160157  
2023-11-19 23:27:21,479 [main] [INFO] Customer purchased an amount of  
6043.307656160157  
2023-11-19 23:27:21,479 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,479 [Transaction] [INFO] Interest to be added for the days :  
67.50459238813337  
2023-11-19 23:27:21,479 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110908  
2023-11-19 23:27:21,479 [Transaction] [INFO] Available credit limit for the  
transaction : 5856.222343839843  
2023-11-19 23:27:21,479 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,479 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110907  
2023-11-19 23:27:21,479 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110908  
2023-11-19 23:27:21,479 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,479 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,479 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000110908  
2023-11-19 23:27:21,479 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,479 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,479 [Transaction] [INFO] Available credit limit for the  
transaction : 5788.71775145171  
2023-11-19 23:27:21,479 [Transaction] [INFO] Random purchase amount :  
5523.252075480976  
2023-11-19 23:27:21,479 [main] [INFO] Customer purchased an amount of  
5523.252075480976  
2023-11-19 23:27:21,479 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,479 [Transaction] [INFO] Interest to be added for the days :  
138.66916960440815  
2023-11-19 23:27:21,479 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110909  
2023-11-19 23:27:21,479 [Transaction] [INFO] Available credit limit for the  
transaction : 265.4656759707341  
2023-11-19 23:27:21,479 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,479 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110908  
2023-11-19 23:27:21,480 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110909  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,480 [main] [INFO] Generating payment transaction for day : 17  
2023-11-19 23:27:21,480 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110909  
2023-11-19 23:27:21,480 [Transaction] [INFO] Available credit limit for the  
transaction : 126.79650636632505  
2023-11-19 23:27:21,480 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000110909  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,480 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,480 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:27:21,480 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110910  
2023-11-19 23:27:21,480 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,480 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,480 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random purchase amount :  
11696.690842901666  
2023-11-19 23:27:21,480 [main] [INFO] Customer purchased an amount of  
11696.690842901666  
2023-11-19 23:27:21,480 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,480 [Transaction] [INFO] Interest to be added for the days :  
200.93134116762474  
2023-11-19 23:27:21,480 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000110911  
2023-11-19 23:27:21,480 [Transaction] [INFO] Available credit limit for the  
transaction : 202.8391570983349  
2023-11-19 23:27:21,480 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:27:21,480 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110910  
2023-11-19 23:27:21,480 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110911  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,480 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:27:21,480 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110911  
2023-11-19 23:27:21,480 [Transaction] [INFO] Available credit limit for the transaction : 1.9078159307100577  
2023-11-19 23:27:21,480 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110911  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,480 [Transaction] [INFO] Next payment day : 25 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,480 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,480 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110912  
2023-11-19 23:27:21,480 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,480 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,480 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,480 [Transaction] [INFO] Random purchase amount : 933.9120847299386  
2023-11-19 23:27:21,480 [main] [INFO] Customer purchased an amount of 933.9120847299386  
2023-11-19 23:27:21,481 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,481 [Transaction] [INFO] Interest to be added for the days : 18.86130819302212  
2023-11-19 23:27:21,481 [Transaction] [INFO] Transaction has been created successfully. Id : 100000110913  
2023-11-19 23:27:21,481 [Transaction] [INFO] Available credit limit for the transaction : 10965.617915270062  
2023-11-19 23:27:21,481 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110912  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000110913  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 9  
2023-11-19 23:27:21,481 [main] [INFO] Generating account activity for month : 10  
2023-11-19 23:27:21,481 [Transaction] [INFO] Payment type for next payment : D\_FULL\_RECURRING  
2023-11-19 23:27:21,481 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,481 [Transaction] [INFO] Next payment day : 6 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,481 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,481 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000111001  
2023-11-19 23:27:21,481 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,481 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,481 [Transaction] [INFO] Available credit limit for the  
transaction : 10946.75660707704  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random purchase amount :  
4479.16894098718  
2023-11-19 23:27:21,481 [main] [INFO] Customer purchased an amount of  
4479.16894098718  
2023-11-19 23:27:21,481 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,481 [Transaction] [INFO] Interest to be added for the days :  
12.08125144893222  
2023-11-19 23:27:21,481 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111002  
2023-11-19 23:27:21,481 [Transaction] [INFO] Available credit limit for the  
transaction : 6467.58766608986  
2023-11-19 23:27:21,481 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111001  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111002  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,481 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:27:21,481 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111002  
2023-11-19 23:27:21,481 [Transaction] [INFO] Available credit limit for the  
transaction : 6455.506414640928  
2023-11-19 23:27:21,481 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111002  
2023-11-19 23:27:21,481 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,482 [Transaction] [INFO] Next payment day : 9 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,482 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:27:21,482 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111003  
2023-11-19 23:27:21,482 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,482 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,482 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,482 [Transaction] [INFO] Random purchase amount :  
10748.67888635231  
2023-11-19 23:27:21,482 [main] [INFO] Customer purchased an amount of  
10748.67888635231  
2023-11-19 23:27:21,482 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,482 [Transaction] [INFO] Interest to be added for the days :  
63.86827385711036  
2023-11-19 23:27:21,482 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111004  
2023-11-19 23:27:21,482 [Transaction] [INFO] Available credit limit for the  
transaction : 1150.85111364769  
2023-11-19 23:27:21,482 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:27:21,482 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111003  
2023-11-19 23:27:21,482 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111004  
2023-11-19 23:27:21,482 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,482 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,482 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111004  
2023-11-19 23:27:21,482 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,482 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,482 [Transaction] [INFO] Available credit limit for the transaction : 1086.9828397905803  
2023-11-19 23:27:21,482 [Transaction] [INFO] Random purchase amount : 1054.0708086003337  
2023-11-19 23:27:21,482 [main] [INFO] Customer purchased an amount of 1054.0708086003337  
2023-11-19 23:27:21,482 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,482 [Transaction] [INFO] Interest to be added for the days : 79.35431556660372  
2023-11-19 23:27:21,482 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111005  
2023-11-19 23:27:21,482 [Transaction] [INFO] Available credit limit for the transaction : 32.912031190246125  
2023-11-19 23:27:21,482 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,482 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111004  
2023-11-19 23:27:21,482 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111005  
2023-11-19 23:27:21,482 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,482 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:27:21,482 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111005  
2023-11-19 23:27:21,482 [Transaction] [INFO] Available credit limit for the transaction : -46.44228437635684  
2023-11-19 23:27:21,482 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111005  
2023-11-19 23:27:21,482 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,483 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,483 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:27:21,483 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111006  
2023-11-19 23:27:21,483 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,483 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,483 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,483 [Transaction] [INFO] Random purchase amount : 2846.6168666911694  
2023-11-19 23:27:21,483 [main] [INFO] Customer purchased an amount of 2846.6168666911694  
2023-11-19 23:27:21,483 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,483 [Transaction] [INFO] Interest to be added for the days :  
21.158802970926683  
2023-11-19 23:27:21,483 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111007  
2023-11-19 23:27:21,483 [Transaction] [INFO] Available credit limit for the  
transaction : 9052.913133308832  
2023-11-19 23:27:21,483 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,483 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111006  
2023-11-19 23:27:21,483 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111007  
2023-11-19 23:27:21,483 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,483 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,484 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111007  
2023-11-19 23:27:21,484 [Transaction] [INFO] Available credit limit for the  
transaction : 9031.754330337904  
2023-11-19 23:27:21,484 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111007  
2023-11-19 23:27:21,484 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,484 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,484 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,484 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111008  
2023-11-19 23:27:21,484 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,484 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,484 [Transaction] [INFO] Available credit limit for the  
transaction : 11899.53  
2023-11-19 23:27:21,484 [Transaction] [INFO] Random purchase amount :  
8137.378856436369  
2023-11-19 23:27:21,484 [main] [INFO] Customer purchased an amount of  
8137.378856436369  
2023-11-19 23:27:21,484 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,484 [Transaction] [INFO] Interest to be added for the days :  
66.55800772246977  
2023-11-19 23:27:21,484 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111009  
2023-11-19 23:27:21,484 [Transaction] [INFO] Available credit limit for the  
transaction : 3762.151143563632  
2023-11-19 23:27:21,484 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,484 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111008  
2023-11-19 23:27:21,484 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111009  
2023-11-19 23:27:21,484 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,484 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:27:21,484 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111009  
2023-11-19 23:27:21,484 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,484 [main] [INFO] Current transaction type is

TransactionType.PURCHASE  
2023-11-19 23:27:21,484 [Transaction] [INFO] Available credit limit for the transaction : 3695.5931358411617  
2023-11-19 23:27:21,484 [Transaction] [INFO] Random purchase amount : 2411.8696259979774  
2023-11-19 23:27:21,484 [main] [INFO] Customer purchased an amount of 2411.8696259979774  
2023-11-19 23:27:21,485 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,485 [Transaction] [INFO] Interest to be added for the days : 110.63366240166575  
2023-11-19 23:27:21,485 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111010  
2023-11-19 23:27:21,485 [Transaction] [INFO] Available credit limit for the transaction : 1283.7235098431847  
2023-11-19 23:27:21,485 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,485 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111009  
2023-11-19 23:27:21,485 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111010  
2023-11-19 23:27:21,485 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,485 [main] [INFO] Generating payment transaction for day : 14  
2023-11-19 23:27:21,485 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111010  
2023-11-19 23:27:21,485 [Transaction] [INFO] Available credit limit for the transaction : 1173.089847441519  
2023-11-19 23:27:21,485 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111010  
2023-11-19 23:27:21,485 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,485 [Transaction] [INFO] Next payment day : 15 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,485 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:27:21,485 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111011  
2023-11-19 23:27:21,485 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,485 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,485 [Transaction] [INFO] Available credit limit for the transaction : 11899.53  
2023-11-19 23:27:21,485 [Transaction] [INFO] Random purchase amount : 10580.86486822483  
2023-11-19 23:27:21,485 [main] [INFO] Customer purchased an amount of 10580.86486822483  
2023-11-19 23:27:21,485 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,485 [Transaction] [INFO] Interest to be added for the days : 149.92936652683764  
2023-11-19 23:27:21,485 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111012  
2023-11-19 23:27:21,485 [Transaction] [INFO] Available credit limit for the transaction : 1318.6651317751712  
2023-11-19 23:27:21,486 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,486 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111011  
2023-11-19 23:27:21,486 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111012

2023-11-19 23:27:21,486 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,486 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,486 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111012  
2023-11-19 23:27:21,486 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,486 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,486 [Transaction] [INFO] Available credit limit for the  
transaction : 1168.7357652483333  
2023-11-19 23:27:21,486 [Transaction] [INFO] Random purchase amount :  
898.3991340004131  
2023-11-19 23:27:21,486 [main] [INFO] Customer purchased an amount of  
898.3991340004131  
2023-11-19 23:27:21,486 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,486 [Transaction] [INFO] Interest to be added for the days :  
226.08078801656646  
2023-11-19 23:27:21,486 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111013  
2023-11-19 23:27:21,486 [Transaction] [INFO] Available credit limit for the  
transaction : 270.3366312479211  
2023-11-19 23:27:21,486 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,486 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111012  
2023-11-19 23:27:21,486 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111013  
2023-11-19 23:27:21,486 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,486 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,486 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111013  
2023-11-19 23:27:21,486 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,486 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,486 [Transaction] [INFO] Available credit limit for the  
transaction : 44.25584323135445  
2023-11-19 23:27:21,486 [Transaction] [INFO] Random purchase amount :  
1.33314388838271  
2023-11-19 23:27:21,486 [main] [INFO] Customer purchased an amount of  
1.33314388838271  
2023-11-19 23:27:21,486 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,486 [Transaction] [INFO] Interest to be added for the days :  
248.4173205549142  
2023-11-19 23:27:21,487 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111014  
2023-11-19 23:27:21,487 [Transaction] [INFO] Available credit limit for the  
transaction : 42.9226993429711  
2023-11-19 23:27:21,487 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,487 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111013  
2023-11-19 23:27:21,487 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111014  
2023-11-19 23:27:21,487 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,487 [Account] [INFO] Converting from Transaction object to list

to store for account : 10000011, month : 10  
2023-11-19 23:27:21,487 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:27:21,487 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,487 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,487 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,487 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,487 [Transaction] [INFO] Next payment day : 6 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,487 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,487 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111101  
2023-11-19 23:27:21,487 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,487 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,487 [Transaction] [INFO] Available credit limit for the  
transaction : -205.494621211943  
2023-11-19 23:27:21,487 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,487 [Transaction] [INFO] Interest to be added for the days :  
26.9229379206433  
2023-11-19 23:27:21,487 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111102  
2023-11-19 23:27:21,487 [Transaction] [INFO] Available credit limit for the  
transaction : -205.494621211943  
2023-11-19 23:27:21,487 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,487 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111101  
2023-11-19 23:27:21,488 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111102  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,488 [main] [INFO] Generating payment transaction for day : 6  
2023-11-19 23:27:21,488 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111102  
2023-11-19 23:27:21,488 [Transaction] [INFO] Available credit limit for the  
transaction : -232.41755913258567  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5233064904223794  
2023-11-19 23:27:21,488 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111102  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,488 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,488 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:27:21,488 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111103  
2023-11-19 23:27:21,488 [Transaction] [INFO] Available credit limit for the  
transaction : 6116.30934002544  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random portion from 0 to 1 :  
0.9843609130553638  
2023-11-19 23:27:21,488 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111103  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random generated number from 1 to 7 :  
5



2023-11-19 23:27:21,488 [Transaction] [INFO] Next payment day : 12 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,488 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:27:21,488 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111104  
2023-11-19 23:27:21,488 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,488 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,488 [Transaction] [INFO] Available credit limit for the  
transaction : 11809.085709278643  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random purchase amount :  
9653.787404808076  
2023-11-19 23:27:21,488 [main] [INFO] Customer purchased an amount of  
9653.787404808076  
2023-11-19 23:27:21,488 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,488 [Transaction] [INFO] Interest to be added for the days :  
72.42853120181918  
2023-11-19 23:27:21,488 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111105  
2023-11-19 23:27:21,488 [Transaction] [INFO] Available credit limit for the  
transaction : 2155.298304470567  
2023-11-19 23:27:21,488 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,488 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111104  
2023-11-19 23:27:21,488 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111105  
2023-11-19 23:27:21,488 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,489 [main] [INFO] Generating payment transaction for day : 12  
2023-11-19 23:27:21,489 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111105  
2023-11-19 23:27:21,489 [Transaction] [INFO] Available credit limit for the  
transaction : 2082.869773268747  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5300557734097353  
2023-11-19 23:27:21,489 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111105  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,489 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,489 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:27:21,489 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111106  
2023-11-19 23:27:21,489 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,489 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,489 [Transaction] [INFO] Available credit limit for the  
transaction : 7286.247202049369  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random purchase amount :  
822.250630739715  
2023-11-19 23:27:21,489 [main] [INFO] Customer purchased an amount of  
822.250630739715  
2023-11-19 23:27:21,489 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,489 [Transaction] [INFO] Interest to be added for the days :  
60.71566919843917

2023-11-19 23:27:21,489 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111107  
2023-11-19 23:27:21,489 [Transaction] [INFO] Available credit limit for the transaction : 6463.9965713096535  
2023-11-19 23:27:21,489 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,489 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111106  
2023-11-19 23:27:21,489 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111107  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,489 [main] [INFO] Generating payment transaction for day : 16  
2023-11-19 23:27:21,489 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111107  
2023-11-19 23:27:21,489 [Transaction] [INFO] Available credit limit for the transaction : 6403.280902111214  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random portion from 0 to 1 : 0.6322236502555799  
2023-11-19 23:27:21,489 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111107  
2023-11-19 23:27:21,489 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,489 [Transaction] [INFO] Next payment day : 22 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,489 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:27:21,489 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111108  
2023-11-19 23:27:21,490 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,490 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,490 [Transaction] [INFO] Available credit limit for the transaction : 9878.139569492401  
2023-11-19 23:27:21,490 [Transaction] [INFO] Random purchase amount : 5261.209842579708  
2023-11-19 23:27:21,490 [main] [INFO] Customer purchased an amount of 5261.209842579708  
2023-11-19 23:27:21,490 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,490 [Transaction] [INFO] Interest to be added for the days : 108.66497910637266  
2023-11-19 23:27:21,490 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111109  
2023-11-19 23:27:21,490 [Transaction] [INFO] Available credit limit for the transaction : 4616.929726912693  
2023-11-19 23:27:21,490 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,490 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111108  
2023-11-19 23:27:21,490 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111109  
2023-11-19 23:27:21,490 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,490 [main] [INFO] Generating payment transaction for day : 22  
2023-11-19 23:27:21,490 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111109  
2023-11-19 23:27:21,490 [Transaction] [INFO] Available credit limit for the transaction : 4508.26474780632  
2023-11-19 23:27:21,490 [Transaction] [INFO] Random portion from 0 to 1 :

0.30634014662045217

2023-11-19 23:27:21,490 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111109

2023-11-19 23:27:21,490 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:27:21,490 [Transaction] [INFO] Next payment day : 25 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:27:21,490 [main] [INFO] Generating payment transaction for day : 25

2023-11-19 23:27:21,490 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111110

2023-11-19 23:27:21,490 [Transaction] [INFO] Available credit limit for the transaction : 6772.506028873986

2023-11-19 23:27:21,490 [Transaction] [INFO] Random portion from 0 to 1 : 0.5793704255054822

2023-11-19 23:27:21,490 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111110

2023-11-19 23:27:21,490 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:27:21,490 [Transaction] [INFO] Next payment day : 29 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:27:21,490 [main] [INFO] Generating transaction for day : 26

2023-11-19 23:27:21,490 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111111

2023-11-19 23:27:21,490 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,490 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,491 [Transaction] [INFO] Available credit limit for the transaction : 9742.952088602073

2023-11-19 23:27:21,491 [Transaction] [INFO] Random purchase amount : 3333.6843603766156

2023-11-19 23:27:21,491 [main] [INFO] Customer purchased an amount of 3333.6843603766156

2023-11-19 23:27:21,491 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,491 [Transaction] [INFO] Interest to be added for the days : 106.73507451992863

2023-11-19 23:27:21,491 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111112

2023-11-19 23:27:21,491 [Transaction] [INFO] Available credit limit for the transaction : 6409.267728225457

2023-11-19 23:27:21,491 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,491 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111111

2023-11-19 23:27:21,491 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111112

2023-11-19 23:27:21,491 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:27:21,491 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 11

2023-11-19 23:27:21,491 [main] [INFO] Generating account activity for month : 12

2023-11-19 23:27:21,491 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE

2023-11-19 23:27:21,491 [main] [INFO] Generating monthly activity data

2023-11-19 23:27:21,491 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:27:21,491 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE

2023-11-19 23:27:21,491 [main] [INFO] Generating transaction for day : 4

2023-11-19 23:27:21,491 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111201  
2023-11-19 23:27:21,491 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,491 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,491 [Transaction] [INFO] Available credit limit for the transaction : 6302.532653705529  
2023-11-19 23:27:21,491 [Transaction] [INFO] Random purchase amount : 4338.042310027605  
2023-11-19 23:27:21,491 [main] [INFO] Customer purchased an amount of 4338.042310027605  
2023-11-19 23:27:21,491 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,491 [Transaction] [INFO] Interest to be added for the days : 29.473111805910225  
2023-11-19 23:27:21,491 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111202  
2023-11-19 23:27:21,491 [Transaction] [INFO] Available credit limit for the transaction : 1964.490343677924  
2023-11-19 23:27:21,491 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,491 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111201  
2023-11-19 23:27:21,491 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111202  
2023-11-19 23:27:21,491 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,491 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:27:21,491 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111202  
2023-11-19 23:27:21,491 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,492 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,492 [Transaction] [INFO] Available credit limit for the transaction : 1935.0172318720142  
2023-11-19 23:27:21,492 [Transaction] [INFO] Random purchase amount : 652.2614518708194  
2023-11-19 23:27:21,492 [main] [INFO] Customer purchased an amount of 652.2614518708194  
2023-11-19 23:27:21,492 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,492 [Transaction] [INFO] Interest to be added for the days : 63.084500944851065  
2023-11-19 23:27:21,492 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111203  
2023-11-19 23:27:21,492 [Transaction] [INFO] Available credit limit for the transaction : 1282.7557800011946  
2023-11-19 23:27:21,492 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,492 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111202  
2023-11-19 23:27:21,492 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111203  
2023-11-19 23:27:21,492 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,492 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,492 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111203  
2023-11-19 23:27:21,492 [Transaction] [INFO] Type of the transaction :

TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,492 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,492 [Transaction] [INFO] Available cash advance for the  
transaction : 1189.9530000000002  
2023-11-19 23:27:21,492 [Transaction] [INFO] Random cash amount : 594.9708793506236  
2023-11-19 23:27:21,492 [main] [INFO] Customer has withdrawn cash of  
594.9708793506236  
2023-11-19 23:27:21,492 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,492 [Transaction] [INFO] Interest to be added for the days :  
75.39691497721466  
2023-11-19 23:27:21,492 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111204  
2023-11-19 23:27:21,492 [Transaction] [INFO] Available credit limit for the  
transaction : 624.70039970572  
2023-11-19 23:27:21,492 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,492 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111203  
2023-11-19 23:27:21,492 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111204  
2023-11-19 23:27:21,492 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,492 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,492 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111204  
2023-11-19 23:27:21,492 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,492 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,492 [Transaction] [INFO] Available credit limit for the  
transaction : 549.3034847285053  
2023-11-19 23:27:21,492 [Transaction] [INFO] Random purchase amount :  
231.59523019790228  
2023-11-19 23:27:21,492 [main] [INFO] Customer purchased an amount of  
231.59523019790228  
2023-11-19 23:27:21,492 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,492 [Transaction] [INFO] Interest to be added for the days :  
138.0464779306199  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111205  
2023-11-19 23:27:21,493 [Transaction] [INFO] Available credit limit for the  
transaction : 317.7082545306039  
2023-11-19 23:27:21,493 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111204  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111205  
2023-11-19 23:27:21,493 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,493 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111205  
2023-11-19 23:27:21,493 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,493 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,493 [Transaction] [INFO] Available credit limit for the

transaction : 179.66177659998357  
2023-11-19 23:27:21,493 [Transaction] [INFO] Random purchase amount :  
39.36197118786386  
2023-11-19 23:27:21,493 [main] [INFO] Customer purchased an amount of  
39.36197118786386  
2023-11-19 23:27:21,493 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,493 [Transaction] [INFO] Interest to be added for the days :  
193.15108599450886  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111206  
2023-11-19 23:27:21,493 [Transaction] [INFO] Available credit limit for the  
transaction : 140.2998054121199  
2023-11-19 23:27:21,493 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111205  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111206  
2023-11-19 23:27:21,493 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,493 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111206  
2023-11-19 23:27:21,493 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,493 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,493 [Transaction] [INFO] Available credit limit for the  
transaction : -52.851280582388426  
2023-11-19 23:27:21,493 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,493 [Transaction] [INFO] Interest to be added for the days :  
214.33040794350126  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111207  
2023-11-19 23:27:21,493 [Transaction] [INFO] Available credit limit for the  
transaction : -52.851280582388426  
2023-11-19 23:27:21,493 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111206  
2023-11-19 23:27:21,493 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000111207  
2023-11-19 23:27:21,493 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,493 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,493 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111207  
2023-11-19 23:27:21,494 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,494 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,494 [Transaction] [INFO] Available credit limit for the  
transaction : -267.1816885258904  
2023-11-19 23:27:21,494 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,494 [Transaction] [INFO] Interest to be added for the days :  
236.5305725763742  
2023-11-19 23:27:21,494 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000111208  
2023-11-19 23:27:21,494 [Transaction] [INFO] Available credit limit for the

transaction : -267.1816885258904  
2023-11-19 23:27:21,494 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,494 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111207  
2023-11-19 23:27:21,494 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111208  
2023-11-19 23:27:21,494 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,494 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,494 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111208  
2023-11-19 23:27:21,494 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,494 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,494 [Transaction] [INFO] Available credit limit for the transaction : -503.71226110226416  
2023-11-19 23:27:21,494 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,494 [Transaction] [INFO] Interest to be added for the days : 259.8703094877535  
2023-11-19 23:27:21,494 [Transaction] [INFO] Transaction has been created successfully. Id : 100000111209  
2023-11-19 23:27:21,494 [Transaction] [INFO] Available credit limit for the transaction : -503.71226110226416  
2023-11-19 23:27:21,494 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,494 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111208  
2023-11-19 23:27:21,494 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000111209  
2023-11-19 23:27:21,494 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,494 [Account] [INFO] Converting from Transaction object to list to store for account : 10000011, month : 12  
2023-11-19 23:27:21,494 [main] [INFO] Generating account activity for account : 10000012  
2023-11-19 23:27:21,494 [main] [INFO] Generating account activity for month : 1  
2023-11-19 23:27:21,494 [Transaction] [INFO] Payment type for next payment : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,494 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,494 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,494 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,494 [Transaction] [INFO] Next payment day : 4 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,494 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:27:21,494 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120101  
2023-11-19 23:27:21,494 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,495 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,495 [Transaction] [INFO] Available credit limit for the transaction : 5506.9  
2023-11-19 23:27:21,495 [Transaction] [INFO] Random purchase amount : 426.2243463426333  
2023-11-19 23:27:21,495 [main] [INFO] Customer purchased an amount of

426.2243463426333

2023-11-19 23:27:21,495 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,495 [Transaction] [INFO] Interest to be added for the days :  
0.3221788963175806

2023-11-19 23:27:21,495 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120102

2023-11-19 23:27:21,495 [Transaction] [INFO] Available credit limit for the  
transaction : 5080.675653657367

2023-11-19 23:27:21,495 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:27:21,495 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120101

2023-11-19 23:27:21,495 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120102

2023-11-19 23:27:21,495 [Transaction] [INFO] Random generated number from 1 to 7 :  
3

2023-11-19 23:27:21,495 [main] [INFO] Generating transaction for day : 4

2023-11-19 23:27:21,495 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120102

2023-11-19 23:27:21,495 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,495 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE

2023-11-19 23:27:21,495 [Transaction] [INFO] Available credit limit for the  
transaction : 5080.353474761048

2023-11-19 23:27:21,495 [Transaction] [INFO] Random purchase amount :  
3686.950267636272

2023-11-19 23:27:21,495 [main] [INFO] Customer purchased an amount of  
3686.950267636272

2023-11-19 23:27:21,495 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,495 [Transaction] [INFO] Interest to be added for the days :  
12.451520212397265

2023-11-19 23:27:21,495 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120103

2023-11-19 23:27:21,495 [Transaction] [INFO] Available credit limit for the  
transaction : 1393.4032071247766

2023-11-19 23:27:21,495 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:27:21,495 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120102

2023-11-19 23:27:21,495 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120103

2023-11-19 23:27:21,495 [Transaction] [INFO] Random generated number from 1 to 7 :  
3

2023-11-19 23:27:21,495 [main] [INFO] Generating payment transaction for day : 4

2023-11-19 23:27:21,495 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120103

2023-11-19 23:27:21,495 [Transaction] [INFO] Available credit limit for the  
transaction : 1380.951686912379

2023-11-19 23:27:21,495 [Transaction] [INFO] Random portion from 0 to 1 :  
0.5650202902153544

2023-11-19 23:27:21,495 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120103

2023-11-19 23:27:21,495 [Transaction] [INFO] Random generated number from 1 to 7 :  
3

2023-11-19 23:27:21,495 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING

2023-11-19 23:27:21,495 [main] [INFO] Generating transaction for day : 7

2023-11-19 23:27:21,496 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000120104  
2023-11-19 23:27:21,496 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,496 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,496 [Transaction] [INFO] Available credit limit for the  
transaction : 3712.196200186698  
2023-11-19 23:27:21,496 [Transaction] [INFO] Random purchase amount :  
3149.5457798067787  
2023-11-19 23:27:21,496 [main] [INFO] Customer purchased an amount of  
3149.5457798067787  
2023-11-19 23:27:21,496 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,496 [Transaction] [INFO] Interest to be added for the days :  
26.22057566753646  
2023-11-19 23:27:21,496 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120105  
2023-11-19 23:27:21,496 [Transaction] [INFO] Available credit limit for the  
transaction : 562.6504203799195  
2023-11-19 23:27:21,496 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,496 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120104  
2023-11-19 23:27:21,496 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120105  
2023-11-19 23:27:21,496 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,496 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:27:21,496 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120105  
2023-11-19 23:27:21,496 [Transaction] [INFO] Available credit limit for the  
transaction : 536.4298447123829  
2023-11-19 23:27:21,496 [Transaction] [INFO] Random portion from 0 to 1 :  
0.4198581788973622  
2023-11-19 23:27:21,496 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120105  
2023-11-19 23:27:21,496 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,496 [Transaction] [INFO] Next payment day : 14 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,496 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,496 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120106  
2023-11-19 23:27:21,496 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,496 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,496 [Transaction] [INFO] Available credit limit for the  
transaction : 2623.3223923751307  
2023-11-19 23:27:21,496 [Transaction] [INFO] Random purchase amount :  
2143.2473201041325  
2023-11-19 23:27:21,496 [main] [INFO] Customer purchased an amount of  
2143.2473201041325  
2023-11-19 23:27:21,496 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,496 [Transaction] [INFO] Interest to be added for the days :  
45.786787353332905  
2023-11-19 23:27:21,496 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120107  
2023-11-19 23:27:21,496 [Transaction] [INFO] Available credit limit for the  
transaction : 480.07507227099813

2023-11-19 23:27:21,496 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,496 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120106

2023-11-19 23:27:21,496 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120107

2023-11-19 23:27:21,496 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:27:21,496 [main] [INFO] Generating payment transaction for day : 14

2023-11-19 23:27:21,497 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120107

2023-11-19 23:27:21,497 [Transaction] [INFO] Available credit limit for the transaction : 434.2882849176649

2023-11-19 23:27:21,497 [Transaction] [INFO] Random portion from 0 to 1 : 0.2697557081803783

2023-11-19 23:27:21,497 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120107

2023-11-19 23:27:21,497 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:27:21,497 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_PARTIAL\_RECURRING

2023-11-19 23:27:21,497 [main] [INFO] Generating transaction for day : 17

2023-11-19 23:27:21,497 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120108

2023-11-19 23:27:21,497 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,497 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,497 [Transaction] [INFO] Available credit limit for the transaction : 1802.6542504437834

2023-11-19 23:27:21,497 [Transaction] [INFO] Random purchase amount : 712.595558593797

2023-11-19 23:27:21,497 [main] [INFO] Customer purchased an amount of 712.595558593797

2023-11-19 23:27:21,497 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,497 [Transaction] [INFO] Interest to be added for the days : 57.10153313832809

2023-11-19 23:27:21,497 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120109

2023-11-19 23:27:21,497 [Transaction] [INFO] Available credit limit for the transaction : 1090.0586918499866

2023-11-19 23:27:21,497 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,497 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120108

2023-11-19 23:27:21,497 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120109

2023-11-19 23:27:21,497 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:27:21,497 [main] [INFO] Generating payment transaction for day : 17

2023-11-19 23:27:21,497 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120109

2023-11-19 23:27:21,497 [Transaction] [INFO] Available credit limit for the transaction : 1032.9571587116588

2023-11-19 23:27:21,497 [Transaction] [INFO] Random portion from 0 to 1 : 0.12002266144812235

2023-11-19 23:27:21,497 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120109

2023-11-19 23:27:21,497 [Transaction] [INFO] Random generated number from 1 to 7 :

7

2023-11-19 23:27:21,497 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,497 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,497 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120110  
2023-11-19 23:27:21,497 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,497 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,497 [Transaction] [INFO] Available credit limit for the  
transaction : 1569.93168568986  
2023-11-19 23:27:21,497 [Transaction] [INFO] Random purchase amount :  
1119.1184467053304  
2023-11-19 23:27:21,497 [main] [INFO] Customer purchased an amount of  
1119.1184467053304  
2023-11-19 23:27:21,498 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,498 [Transaction] [INFO] Interest to be added for the days :  
69.23704332133373  
2023-11-19 23:27:21,498 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120111  
2023-11-19 23:27:21,498 [Transaction] [INFO] Available credit limit for the  
transaction : 450.81323898452956  
2023-11-19 23:27:21,498 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,498 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120110  
2023-11-19 23:27:21,498 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120111  
2023-11-19 23:27:21,498 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,498 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:27:21,498 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120111  
2023-11-19 23:27:21,498 [Transaction] [INFO] Available credit limit for the  
transaction : 381.5761956631959  
2023-11-19 23:27:21,498 [Transaction] [INFO] Random portion from 0 to 1 :  
0.8759043339331818  
2023-11-19 23:27:21,498 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120111  
2023-11-19 23:27:21,498 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,498 [Transaction] [INFO] Next payment day : 31 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,498 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,498 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120112  
2023-11-19 23:27:21,498 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,498 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,498 [Transaction] [INFO] Available credit limit for the  
transaction : 4870.869528692705  
2023-11-19 23:27:21,498 [Transaction] [INFO] Random purchase amount :  
2208.561452952789  
2023-11-19 23:27:21,498 [main] [INFO] Customer purchased an amount of  
2208.561452952789  
2023-11-19 23:27:21,498 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,498 [Transaction] [INFO] Interest to be added for the days :

54.245426053349235

2023-11-19 23:27:21,498 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120113

2023-11-19 23:27:21,498 [Transaction] [INFO] Available credit limit for the transaction : 2662.308075739916

2023-11-19 23:27:21,498 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,498 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120112

2023-11-19 23:27:21,498 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120113

2023-11-19 23:27:21,498 [Transaction] [INFO] Random generated number from 1 to 7 : 3

2023-11-19 23:27:21,498 [main] [INFO] Generating transaction for day : 28

2023-11-19 23:27:21,498 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120113

2023-11-19 23:27:21,498 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,498 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,498 [Transaction] [INFO] Available credit limit for the transaction : 2608.062649686567

2023-11-19 23:27:21,498 [Transaction] [INFO] Random purchase amount : 929.262182293951

2023-11-19 23:27:21,499 [main] [INFO] Customer purchased an amount of 929.262182293951

2023-11-19 23:27:21,499 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,499 [Transaction] [INFO] Interest to be added for the days : 81.85369160024825

2023-11-19 23:27:21,503 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120114

2023-11-19 23:27:21,503 [Transaction] [INFO] Available credit limit for the transaction : 1678.8004673926162

2023-11-19 23:27:21,503 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,503 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120113

2023-11-19 23:27:21,503 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120114

2023-11-19 23:27:21,503 [Transaction] [INFO] Random generated number from 1 to 7 : 2

2023-11-19 23:27:21,503 [main] [INFO] Generating transaction for day : 30

2023-11-19 23:27:21,503 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120114

2023-11-19 23:27:21,503 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,503 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,503 [Transaction] [INFO] Available credit limit for the transaction : 1596.946775792368

2023-11-19 23:27:21,503 [Transaction] [INFO] Random purchase amount : 938.2546706158138

2023-11-19 23:27:21,503 [main] [INFO] Customer purchased an amount of 938.2546706158138

2023-11-19 23:27:21,503 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,503 [Transaction] [INFO] Interest to be added for the days : 111.15496365494394

2023-11-19 23:27:21,503 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120115

2023-11-19 23:27:21,503 [Transaction] [INFO] Available credit limit for the transaction : 658.6921051765539  
2023-11-19 23:27:21,503 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,503 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120114  
2023-11-19 23:27:21,503 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120115  
2023-11-19 23:27:21,503 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,503 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 1  
2023-11-19 23:27:21,504 [main] [INFO] Generating account activity for month : 2  
2023-11-19 23:27:21,504 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,504 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,504 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,504 [Transaction] [INFO] Next payment day : 10000 for given payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,504 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,504 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120201  
2023-11-19 23:27:21,504 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,504 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,504 [Transaction] [INFO] Available credit limit for the transaction : 547.5371415216096  
2023-11-19 23:27:21,504 [Transaction] [INFO] Random purchase amount : 173.25859408907286  
2023-11-19 23:27:21,504 [main] [INFO] Customer purchased an amount of 173.25859408907286  
2023-11-19 23:27:21,504 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,504 [Transaction] [INFO] Interest to be added for the days : 27.21955819637392  
2023-11-19 23:27:21,504 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120202  
2023-11-19 23:27:21,504 [Transaction] [INFO] Available credit limit for the transaction : 374.27854743253647  
2023-11-19 23:27:21,504 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,504 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120201  
2023-11-19 23:27:21,504 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120202  
2023-11-19 23:27:21,504 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,504 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,504 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120202  
2023-11-19 23:27:21,504 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,504 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,504 [Transaction] [INFO] Available credit limit for the transaction : 347.05898923616223  
2023-11-19 23:27:21,504 [Transaction] [INFO] Random purchase amount : 118.30598498602204

2023-11-19 23:27:21,504 [main] [INFO] Customer purchased an amount of  
118.30598498602204  
2023-11-19 23:27:21,504 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,504 [Transaction] [INFO] Interest to be added for the days :  
44.05295212923076  
2023-11-19 23:27:21,504 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120203  
2023-11-19 23:27:21,504 [Transaction] [INFO] Available credit limit for the  
transaction : 228.7530042501403  
2023-11-19 23:27:21,505 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120202  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120203  
2023-11-19 23:27:21,505 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,505 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,505 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120203  
2023-11-19 23:27:21,505 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,505 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,505 [Transaction] [INFO] Available credit limit for the  
transaction : 184.70005212090928  
2023-11-19 23:27:21,505 [Transaction] [INFO] Random purchase amount :  
5.367349507949171  
2023-11-19 23:27:21,505 [main] [INFO] Customer purchased an amount of  
5.367349507949171  
2023-11-19 23:27:21,505 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,505 [Transaction] [INFO] Interest to be added for the days :  
72.95464362095402  
2023-11-19 23:27:21,505 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120204  
2023-11-19 23:27:21,505 [Transaction] [INFO] Available credit limit for the  
transaction : 179.33270261296002  
2023-11-19 23:27:21,505 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120203  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120204  
2023-11-19 23:27:21,505 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,505 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,505 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120204  
2023-11-19 23:27:21,505 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,505 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,505 [Transaction] [INFO] Available credit limit for the  
transaction : 106.37805899200612  
2023-11-19 23:27:21,505 [Transaction] [INFO] Random purchase amount :  
104.0978713169128  
2023-11-19 23:27:21,505 [main] [INFO] Customer purchased an amount of  
104.0978713169128  
2023-11-19 23:27:21,505 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,505 [Transaction] [INFO] Interest to be added for the days :  
100.73424367100384  
2023-11-19 23:27:21,505 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120205  
2023-11-19 23:27:21,505 [Transaction] [INFO] Available credit limit for the  
transaction : 2.280187675093657  
2023-11-19 23:27:21,505 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120204  
2023-11-19 23:27:21,505 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120205  
2023-11-19 23:27:21,505 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,505 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,505 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120205  
2023-11-19 23:27:21,506 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,506 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,506 [Transaction] [INFO] Available credit limit for the  
transaction : -98.4540559959105  
2023-11-19 23:27:21,506 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,506 [Transaction] [INFO] Interest to be added for the days :  
111.2100779266946  
2023-11-19 23:27:21,506 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120206  
2023-11-19 23:27:21,506 [Transaction] [INFO] Available credit limit for the  
transaction : -98.4540559959105  
2023-11-19 23:27:21,506 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,506 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120205  
2023-11-19 23:27:21,506 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120206  
2023-11-19 23:27:21,506 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,506 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,506 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120206  
2023-11-19 23:27:21,506 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,506 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,506 [Transaction] [INFO] Available credit limit for the  
transaction : -209.6641339226053  
2023-11-19 23:27:21,506 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,506 [Transaction] [INFO] Interest to be added for the days :  
122.23346693194041  
2023-11-19 23:27:21,506 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120207  
2023-11-19 23:27:21,506 [Transaction] [INFO] Available credit limit for the  
transaction : -209.6641339226053  
2023-11-19 23:27:21,506 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,506 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120206  
2023-11-19 23:27:21,506 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000120207  
2023-11-19 23:27:21,506 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,506 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 2  
2023-11-19 23:27:21,506 [main] [INFO] Generating account activity for month : 3  
2023-11-19 23:27:21,506 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,506 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,506 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,506 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,506 [Transaction] [INFO] Next payment day : 1 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,506 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:27:21,506 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120301  
2023-11-19 23:27:21,506 [Transaction] [INFO] Available credit limit for the  
transaction : -331.897600854546  
2023-11-19 23:27:21,507 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120301  
2023-11-19 23:27:21,507 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,507 [Transaction] [INFO] Next payment day : 2 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,507 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,507 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120302  
2023-11-19 23:27:21,507 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,507 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,507 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,507 [Transaction] [INFO] Random purchase amount :  
3009.329070240963  
2023-11-19 23:27:21,507 [main] [INFO] Customer purchased an amount of  
3009.329070240963  
2023-11-19 23:27:21,507 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,507 [Transaction] [INFO] Interest to be added for the days :  
11.390822353017908  
2023-11-19 23:27:21,507 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120303  
2023-11-19 23:27:21,507 [Transaction] [INFO] Available credit limit for the  
transaction : 2497.5709297590365  
2023-11-19 23:27:21,507 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,507 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120302  
2023-11-19 23:27:21,507 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120303  
2023-11-19 23:27:21,507 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,507 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,507 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120303  
2023-11-19 23:27:21,507 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE



2023-11-19 23:27:21,507 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,507 [Transaction] [INFO] Available credit limit for the  
transaction : 2486.1801074060186  
2023-11-19 23:27:21,507 [Transaction] [INFO] Random purchase amount :  
134.55810207930097  
2023-11-19 23:27:21,507 [main] [INFO] Customer purchased an amount of  
134.55810207930097  
2023-11-19 23:27:21,507 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,507 [Transaction] [INFO] Interest to be added for the days :  
26.33486914359987  
2023-11-19 23:27:21,507 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120304  
2023-11-19 23:27:21,507 [Transaction] [INFO] Available credit limit for the  
transaction : 2351.6220053267175  
2023-11-19 23:27:21,507 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,507 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120303  
2023-11-19 23:27:21,507 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120304  
2023-11-19 23:27:21,507 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,507 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,508 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120304  
2023-11-19 23:27:21,508 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [Transaction] [INFO] Available credit limit for the  
transaction : 2325.2871361831176  
2023-11-19 23:27:21,508 [Transaction] [INFO] Random purchase amount :  
160.31456910067388  
2023-11-19 23:27:21,508 [main] [INFO] Customer purchased an amount of  
160.31456910067388  
2023-11-19 23:27:21,508 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,508 [Transaction] [INFO] Interest to be added for the days :  
32.9890545833501  
2023-11-19 23:27:21,508 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120305  
2023-11-19 23:27:21,508 [Transaction] [INFO] Available credit limit for the  
transaction : 2164.9725670824437  
2023-11-19 23:27:21,508 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,508 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120304  
2023-11-19 23:27:21,508 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120305  
2023-11-19 23:27:21,508 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,508 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,508 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120305  
2023-11-19 23:27:21,508 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [Transaction] [INFO] Available credit limit for the

transaction : 2131.9835124990936  
2023-11-19 23:27:21,508 [Transaction] [INFO] Random purchase amount :  
1387.775737064916  
2023-11-19 23:27:21,508 [main] [INFO] Customer purchased an amount of  
1387.775737064916  
2023-11-19 23:27:21,508 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,508 [Transaction] [INFO] Interest to be added for the days :  
57.92888018121928  
2023-11-19 23:27:21,508 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120306  
2023-11-19 23:27:21,508 [Transaction] [INFO] Available credit limit for the  
transaction : 744.2077754341772  
2023-11-19 23:27:21,508 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,508 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120305  
2023-11-19 23:27:21,508 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120306  
2023-11-19 23:27:21,508 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,508 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:27:21,508 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120306  
2023-11-19 23:27:21,508 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,508 [Transaction] [INFO] Available credit limit for the  
transaction : 686.2788952529581  
2023-11-19 23:27:21,508 [Transaction] [INFO] Random purchase amount :  
64.17014124485762  
2023-11-19 23:27:21,508 [main] [INFO] Customer purchased an amount of  
64.17014124485762  
2023-11-19 23:27:21,509 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest to be added for the days :  
85.6343175412308  
2023-11-19 23:27:21,509 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120307  
2023-11-19 23:27:21,509 [Transaction] [INFO] Available credit limit for the  
transaction : 622.1087540081007  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120306  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120307  
2023-11-19 23:27:21,509 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,509 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,509 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120307  
2023-11-19 23:27:21,509 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,509 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,509 [Transaction] [INFO] Available credit limit for the  
transaction : 536.4744364668695  
2023-11-19 23:27:21,509 [Transaction] [INFO] Random purchase amount :  
17.298677346903496

2023-11-19 23:27:21,509 [main] [INFO] Customer purchased an amount of  
17.298677346903496  
2023-11-19 23:27:21,509 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest to be added for the days :  
98.95631854187675  
2023-11-19 23:27:21,509 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120308  
2023-11-19 23:27:21,509 [Transaction] [INFO] Available credit limit for the  
transaction : 519.1757591199657  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120307  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120308  
2023-11-19 23:27:21,509 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,509 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:27:21,509 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120308  
2023-11-19 23:27:21,509 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,509 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,509 [Transaction] [INFO] Available credit limit for the  
transaction : 420.21944057808923  
2023-11-19 23:27:21,509 [Transaction] [INFO] Random purchase amount :  
186.98285204550635  
2023-11-19 23:27:21,509 [main] [INFO] Customer purchased an amount of  
186.98285204550635  
2023-11-19 23:27:21,509 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest to be added for the days :  
120.90939117028427  
2023-11-19 23:27:21,509 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120309  
2023-11-19 23:27:21,509 [Transaction] [INFO] Available credit limit for the  
transaction : 233.23658853258257  
2023-11-19 23:27:21,509 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120308  
2023-11-19 23:27:21,509 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120309  
2023-11-19 23:27:21,509 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,510 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 3  
2023-11-19 23:27:21,510 [main] [INFO] Generating account activity for month : 4  
2023-11-19 23:27:21,510 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,510 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,510 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,510 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,510 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120401  
2023-11-19 23:27:21,510 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,510 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,510 [Transaction] [INFO] Available credit limit for the  
transaction : 112.32719736229865  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random purchase amount :  
101.70148166128304  
2023-11-19 23:27:21,510 [main] [INFO] Customer purchased an amount of  
101.70148166128304  
2023-11-19 23:27:21,510 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,510 [Transaction] [INFO] Interest to be added for the days :  
29.148098905652382  
2023-11-19 23:27:21,510 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120402  
2023-11-19 23:27:21,510 [Transaction] [INFO] Available credit limit for the  
transaction : 10.625715701015906  
2023-11-19 23:27:21,510 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,510 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120401  
2023-11-19 23:27:21,510 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120402  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,510 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:27:21,510 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120402  
2023-11-19 23:27:21,510 [Transaction] [INFO] Available credit limit for the  
transaction : -18.522383204636753  
2023-11-19 23:27:21,510 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120402  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,510 [Transaction] [INFO] Next payment day : 9 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,510 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,510 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120403  
2023-11-19 23:27:21,510 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,510 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,510 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,510 [Transaction] [INFO] Random purchase amount :  
2643.8723107522533  
2023-11-19 23:27:21,511 [main] [INFO] Customer purchased an amount of  
2643.8723107522533  
2023-11-19 23:27:21,511 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,511 [Transaction] [INFO] Interest to be added for the days :  
24.0816859592657  
2023-11-19 23:27:21,511 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120404  
2023-11-19 23:27:21,511 [Transaction] [INFO] Available credit limit for the  
transaction : 2863.0276892477464  
2023-11-19 23:27:21,511 [Transaction] [INFO] Interest transaction has been created  
successfully.

2023-11-19 23:27:21,511 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120403  
2023-11-19 23:27:21,511 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120404  
2023-11-19 23:27:21,511 [Transaction] [INFO] Random generated number from 1 to 7 : 7  
2023-11-19 23:27:21,511 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:27:21,511 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120404  
2023-11-19 23:27:21,511 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,511 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,511 [Transaction] [INFO] Available credit limit for the transaction : 2838.946003288481  
2023-11-19 23:27:21,511 [Transaction] [INFO] Random purchase amount : 374.4680103188978  
2023-11-19 23:27:21,511 [main] [INFO] Customer purchased an amount of 374.4680103188978  
2023-11-19 23:27:21,511 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,511 [Transaction] [INFO] Interest to be added for the days : 43.99354971344625  
2023-11-19 23:27:21,511 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120405  
2023-11-19 23:27:21,511 [Transaction] [INFO] Available credit limit for the transaction : 2464.477992969583  
2023-11-19 23:27:21,511 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,511 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120404  
2023-11-19 23:27:21,511 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120405  
2023-11-19 23:27:21,511 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,511 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:27:21,511 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120405  
2023-11-19 23:27:21,511 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,511 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,511 [Transaction] [INFO] Available credit limit for the transaction : 2420.4844432561367  
2023-11-19 23:27:21,511 [Transaction] [INFO] Random purchase amount : 158.86948374636984  
2023-11-19 23:27:21,511 [main] [INFO] Customer purchased an amount of 158.86948374636984  
2023-11-19 23:27:21,511 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,511 [Transaction] [INFO] Interest to be added for the days : 54.39825675745536  
2023-11-19 23:27:21,511 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120406  
2023-11-19 23:27:21,512 [Transaction] [INFO] Available credit limit for the transaction : 2261.614959509767  
2023-11-19 23:27:21,512 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120405  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000120406  
2023-11-19 23:27:21,512 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,512 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,512 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120406  
2023-11-19 23:27:21,512 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,512 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,512 [Transaction] [INFO] Available credit limit for the  
transaction : 2207.2167027523114  
2023-11-19 23:27:21,512 [Transaction] [INFO] Random purchase amount :  
174.7896356779261  
2023-11-19 23:27:21,512 [main] [INFO] Customer purchased an amount of  
174.7896356779261  
2023-11-19 23:27:21,512 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,512 [Transaction] [INFO] Interest to be added for the days :  
63.58266601264375  
2023-11-19 23:27:21,512 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120407  
2023-11-19 23:27:21,512 [Transaction] [INFO] Available credit limit for the  
transaction : 2032.4270670743854  
2023-11-19 23:27:21,512 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120406  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120407  
2023-11-19 23:27:21,512 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,512 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,512 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120407  
2023-11-19 23:27:21,512 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,512 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,512 [Transaction] [INFO] Available credit limit for the  
transaction : 1968.8444010617418  
2023-11-19 23:27:21,512 [Transaction] [INFO] Random purchase amount :  
809.0950751733823  
2023-11-19 23:27:21,512 [main] [INFO] Customer purchased an amount of  
809.0950751733823  
2023-11-19 23:27:21,512 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,512 [Transaction] [INFO] Interest to be added for the days :  
86.24735572410577  
2023-11-19 23:27:21,512 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120408  
2023-11-19 23:27:21,512 [Transaction] [INFO] Available credit limit for the  
transaction : 1159.7493258883596  
2023-11-19 23:27:21,512 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120407  
2023-11-19 23:27:21,512 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120408  
2023-11-19 23:27:21,512 [Transaction] [INFO] Random generated number from 1 to 7 :  
3

2023-11-19 23:27:21,513 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:27:21,513 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120408  
2023-11-19 23:27:21,513 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,513 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,513 [Transaction] [INFO] Available credit limit for the  
transaction : 1073.501970164254  
2023-11-19 23:27:21,513 [Transaction] [INFO] Random purchase amount :  
449.17554958676607  
2023-11-19 23:27:21,513 [main] [INFO] Customer purchased an amount of  
449.17554958676607  
2023-11-19 23:27:21,513 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,513 [Transaction] [INFO] Interest to be added for the days :  
108.17041089760933  
2023-11-19 23:27:21,513 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120409  
2023-11-19 23:27:21,513 [Transaction] [INFO] Available credit limit for the  
transaction : 624.3264205774876  
2023-11-19 23:27:21,513 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,513 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120408  
2023-11-19 23:27:21,513 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120409  
2023-11-19 23:27:21,513 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,513 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 4  
2023-11-19 23:27:21,513 [main] [INFO] Generating account activity for month : 5  
2023-11-19 23:27:21,513 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,513 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,513 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,513 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,513 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,513 [main] [INFO] Generating transaction for day : 1  
2023-11-19 23:27:21,513 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120501  
2023-11-19 23:27:21,513 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,513 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,513 [Transaction] [INFO] Available credit limit for the  
transaction : 516.1560096798785  
2023-11-19 23:27:21,513 [Transaction] [INFO] Random purchase amount :  
281.5990901594372  
2023-11-19 23:27:21,513 [main] [INFO] Customer purchased an amount of  
281.5990901594372  
2023-11-19 23:27:21,513 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,513 [Transaction] [INFO] Interest to be added for the days :  
3.985313577819499  
2023-11-19 23:27:21,513 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120502  
2023-11-19 23:27:21,513 [Transaction] [INFO] Available credit limit for the

transaction : 234.55691952044162  
2023-11-19 23:27:21,513 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,513 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120501  
2023-11-19 23:27:21,514 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120502  
2023-11-19 23:27:21,514 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,514 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,514 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120502  
2023-11-19 23:27:21,514 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,514 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,514 [Transaction] [INFO] Available credit limit for the transaction : 230.57160594262223  
2023-11-19 23:27:21,515 [Transaction] [INFO] Random purchase amount : 63.065294011897954  
2023-11-19 23:27:21,515 [main] [INFO] Customer purchased an amount of 63.065294011897954  
2023-11-19 23:27:21,515 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,515 [Transaction] [INFO] Interest to be added for the days : 28.316122388697227  
2023-11-19 23:27:21,516 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120503  
2023-11-19 23:27:21,516 [Transaction] [INFO] Available credit limit for the transaction : 167.50631193072422  
2023-11-19 23:27:21,516 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,516 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120502  
2023-11-19 23:27:21,516 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120503  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,516 [main] [INFO] Generating payment transaction for day : 7  
2023-11-19 23:27:21,516 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120503  
2023-11-19 23:27:21,516 [Transaction] [INFO] Available credit limit for the transaction : 139.19018954202693  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random portion from 0 to 1 : 0.06674322335283123  
2023-11-19 23:27:21,516 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120503  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,516 [Transaction] [INFO] Next payment day : 10 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,516 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,516 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120504  
2023-11-19 23:27:21,516 [Transaction] [INFO] Available credit limit for the transaction : 497.4484443146066  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random portion from 0 to 1 : 0.7992925498141228  
2023-11-19 23:27:21,516 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120504



2023-11-19 23:27:21,516 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,516 [Transaction] [INFO] Next payment day : 11 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,516 [main] [INFO] Generating payment transaction for day : 11  
2023-11-19 23:27:21,516 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120505  
2023-11-19 23:27:21,516 [Transaction] [INFO] Available credit limit for the  
transaction : 4501.465751428708  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random portion from 0 to 1 :  
0.13362947055542307  
2023-11-19 23:27:21,516 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120505  
2023-11-19 23:27:21,516 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,516 [Transaction] [INFO] Next payment day : 18 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,516 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,517 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120506  
2023-11-19 23:27:21,517 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,517 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,517 [Transaction] [INFO] Available credit limit for the  
transaction : 4635.82139774358  
2023-11-19 23:27:21,517 [Transaction] [INFO] Random purchase amount :  
32.64049845821157  
2023-11-19 23:27:21,517 [main] [INFO] Customer purchased an amount of  
32.64049845821157  
2023-11-19 23:27:21,517 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,517 [Transaction] [INFO] Interest to be added for the days :  
8.231516889182737  
2023-11-19 23:27:21,517 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120507  
2023-11-19 23:27:21,517 [Transaction] [INFO] Available credit limit for the  
transaction : 4603.1808992853685  
2023-11-19 23:27:21,517 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,517 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120506  
2023-11-19 23:27:21,517 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120507  
2023-11-19 23:27:21,517 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,517 [main] [INFO] Generating transaction for day : 15  
2023-11-19 23:27:21,517 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120507  
2023-11-19 23:27:21,517 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,517 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,517 [Transaction] [INFO] Available credit limit for the  
transaction : 4594.949382396186  
2023-11-19 23:27:21,517 [Transaction] [INFO] Random purchase amount :  
2938.7841381401677  
2023-11-19 23:27:21,517 [main] [INFO] Customer purchased an amount of  
2938.7841381401677  
2023-11-19 23:27:21,517 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,517 [Transaction] [INFO] Interest to be added for the days :  
43.89278111760687  
2023-11-19 23:27:21,517 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120508  
2023-11-19 23:27:21,517 [Transaction] [INFO] Available credit limit for the  
transaction : 1656.165244256018  
2023-11-19 23:27:21,517 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,517 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120507  
2023-11-19 23:27:21,517 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120508  
2023-11-19 23:27:21,517 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,518 [main] [INFO] Generating payment transaction for day : 18  
2023-11-19 23:27:21,518 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120508  
2023-11-19 23:27:21,518 [Transaction] [INFO] Available credit limit for the  
transaction : 1612.2724631384112  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random portion from 0 to 1 :  
0.1951487068071659  
2023-11-19 23:27:21,518 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120508  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,518 [Transaction] [INFO] Next payment day : 20 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,518 [main] [INFO] Generating payment transaction for day : 20  
2023-11-19 23:27:21,518 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120509  
2023-11-19 23:27:21,518 [Transaction] [INFO] Available credit limit for the  
transaction : 2372.303990452528  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random portion from 0 to 1 :  
0.7070860390495148  
2023-11-19 23:27:21,518 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120509  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,518 [Transaction] [INFO] Next payment day : 24 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,518 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:27:21,518 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120510  
2023-11-19 23:27:21,518 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,518 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,518 [Transaction] [INFO] Available credit limit for the  
transaction : 4588.733066863865  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random purchase amount :  
1220.1932835666971  
2023-11-19 23:27:21,518 [main] [INFO] Customer purchased an amount of  
1220.1932835666971  
2023-11-19 23:27:21,518 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,518 [Transaction] [INFO] Interest to be added for the days :  
34.20149520928922  
2023-11-19 23:27:21,518 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120511  
2023-11-19 23:27:21,518 [Transaction] [INFO] Available credit limit for the

transaction : 3368.539783297168  
2023-11-19 23:27:21,518 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,518 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120510  
2023-11-19 23:27:21,518 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120511  
2023-11-19 23:27:21,518 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,519 [main] [INFO] Generating transaction for day : 22  
2023-11-19 23:27:21,519 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120511  
2023-11-19 23:27:21,519 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,519 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,519 [Transaction] [INFO] Available credit limit for the transaction : 3334.338288087879  
2023-11-19 23:27:21,519 [Transaction] [INFO] Random purchase amount : 2340.0065750506196  
2023-11-19 23:27:21,519 [main] [INFO] Customer purchased an amount of 2340.0065750506196  
2023-11-19 23:27:21,519 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,519 [Transaction] [INFO] Interest to be added for the days : 75.64076660356096  
2023-11-19 23:27:21,519 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120512  
2023-11-19 23:27:21,519 [Transaction] [INFO] Available credit limit for the transaction : 994.3317130372598  
2023-11-19 23:27:21,519 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,519 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120511  
2023-11-19 23:27:21,519 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120512  
2023-11-19 23:27:21,519 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,519 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,519 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120512  
2023-11-19 23:27:21,519 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,519 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,519 [Transaction] [INFO] Available credit limit for the transaction : 918.6909464336986  
2023-11-19 23:27:21,519 [Transaction] [INFO] Random purchase amount : 597.4306358358546  
2023-11-19 23:27:21,519 [main] [INFO] Customer purchased an amount of 597.4306358358546  
2023-11-19 23:27:21,519 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,519 [Transaction] [INFO] Interest to be added for the days : 94.89692474177231  
2023-11-19 23:27:21,520 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120513  
2023-11-19 23:27:21,520 [Transaction] [INFO] Available credit limit for the transaction : 321.2603105978442  
2023-11-19 23:27:21,520 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,520 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120512  
2023-11-19 23:27:21,520 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120513  
2023-11-19 23:27:21,520 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,520 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:27:21,520 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120513  
2023-11-19 23:27:21,520 [Transaction] [INFO] Available credit limit for the transaction : 226.36338585607155  
2023-11-19 23:27:21,520 [Transaction] [INFO] Random portion from 0 to 1 : 0.003101211997207476  
2023-11-19 23:27:21,520 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120513  
2023-11-19 23:27:21,520 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,520 [Transaction] [INFO] Next payment day : 27 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,520 [main] [INFO] Generating transaction for day : 26  
2023-11-19 23:27:21,520 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120514  
2023-11-19 23:27:21,520 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,520 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,520 [Transaction] [INFO] Available credit limit for the transaction : 242.73944935554846  
2023-11-19 23:27:21,520 [Transaction] [INFO] Random purchase amount : 79.5903109335774  
2023-11-19 23:27:21,520 [main] [INFO] Customer purchased an amount of 79.5903109335774  
2023-11-19 23:27:21,520 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,520 [Transaction] [INFO] Interest to be added for the days : 106.01987738869917  
2023-11-19 23:27:21,520 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120515  
2023-11-19 23:27:21,520 [Transaction] [INFO] Available credit limit for the transaction : 163.14913842197075  
2023-11-19 23:27:21,520 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,520 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120514  
2023-11-19 23:27:21,520 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120515  
2023-11-19 23:27:21,520 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,520 [main] [INFO] Generating payment transaction for day : 27  
2023-11-19 23:27:21,521 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120515  
2023-11-19 23:27:21,521 [Transaction] [INFO] Available credit limit for the transaction : 57.12926103327118  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random portion from 0 to 1 : 0.2742423437026671  
2023-11-19 23:27:21,521 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120515  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,521 [Transaction] [INFO] Next payment day : 28 for given

payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,521 [main] [INFO] Generating payment transaction for day : 28  
2023-11-19 23:27:21,521 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120516  
2023-11-19 23:27:21,521 [Transaction] [INFO] Available credit limit for the  
transaction : 1551.6871611297229  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random portion from 0 to 1 :  
0.33060696688241153  
2023-11-19 23:27:21,521 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120516  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,521 [Transaction] [INFO] Next payment day : 35 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,521 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:27:21,521 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120517  
2023-11-19 23:27:21,521 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,521 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,521 [Transaction] [INFO] Available credit limit for the  
transaction : 2859.308081162997  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random purchase amount :  
657.6963653777432  
2023-11-19 23:27:21,521 [main] [INFO] Customer purchased an amount of  
657.6963653777432  
2023-11-19 23:27:21,521 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,521 [Transaction] [INFO] Interest to be added for the days :  
73.22662649578558  
2023-11-19 23:27:21,521 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120518  
2023-11-19 23:27:21,521 [Transaction] [INFO] Available credit limit for the  
transaction : 2201.611715785254  
2023-11-19 23:27:21,521 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,521 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120517  
2023-11-19 23:27:21,521 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120518  
2023-11-19 23:27:21,521 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,521 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 5  
2023-11-19 23:27:21,521 [main] [INFO] Generating account activity for month : 6  
2023-11-19 23:27:21,522 [Transaction] [INFO] Payment type for next payment : DAILY  
2023-11-19 23:27:21,522 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,522 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,522 [Transaction] [INFO] Next payment day : 1 for given payment  
type : DAILY  
2023-11-19 23:27:21,522 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:27:21,522 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120601  
2023-11-19 23:27:21,522 [Transaction] [INFO] Available credit limit for the  
transaction : 2128.3850892894684  
2023-11-19 23:27:21,522 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120601  
2023-11-19 23:27:21,522 [Transaction] [INFO] Next payment day : 2 for given payment

type : DAILY  
2023-11-19 23:27:21,522 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,522 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120602  
2023-11-19 23:27:21,522 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,522 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,522 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,522 [Transaction] [INFO] Random purchase amount :  
3743.780807676644  
2023-11-19 23:27:21,522 [main] [INFO] Customer purchased an amount of  
3743.780807676644  
2023-11-19 23:27:21,522 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,522 [Transaction] [INFO] Interest to be added for the days :  
8.496082912317089  
2023-11-19 23:27:21,522 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120603  
2023-11-19 23:27:21,522 [Transaction] [INFO] Available credit limit for the  
transaction : 1763.1191923233555  
2023-11-19 23:27:21,522 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,522 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120602  
2023-11-19 23:27:21,522 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120603  
2023-11-19 23:27:21,522 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,522 [main] [INFO] Generating transaction for day : 7  
2023-11-19 23:27:21,522 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120603  
2023-11-19 23:27:21,522 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,522 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,522 [Transaction] [INFO] Available credit limit for the  
transaction : 1754.6231094110385  
2023-11-19 23:27:21,522 [Transaction] [INFO] Random purchase amount :  
1188.400269153055  
2023-11-19 23:27:21,523 [main] [INFO] Customer purchased an amount of  
1188.400269153055  
2023-11-19 23:27:21,523 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,523 [Transaction] [INFO] Interest to be added for the days :  
26.201630243317766  
2023-11-19 23:27:21,523 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120604  
2023-11-19 23:27:21,523 [Transaction] [INFO] Available credit limit for the  
transaction : 566.222840257984  
2023-11-19 23:27:21,523 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,523 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120603  
2023-11-19 23:27:21,523 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120604  
2023-11-19 23:27:21,523 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,523 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,523 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120604  
2023-11-19 23:27:21,523 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,523 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,523 [Transaction] [INFO] Available credit limit for the  
transaction : 540.0212100146664  
2023-11-19 23:27:21,523 [Transaction] [INFO] Random purchase amount :  
101.6418003310219  
2023-11-19 23:27:21,523 [main] [INFO] Customer purchased an amount of  
101.6418003310219  
2023-11-19 23:27:21,523 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,523 [Transaction] [INFO] Interest to be added for the days :  
46.16657190200745  
2023-11-19 23:27:21,523 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120605  
2023-11-19 23:27:21,523 [Transaction] [INFO] Available credit limit for the  
transaction : 438.37940968364455  
2023-11-19 23:27:21,523 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,523 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120604  
2023-11-19 23:27:21,524 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120605  
2023-11-19 23:27:21,524 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,524 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:27:21,524 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120605  
2023-11-19 23:27:21,524 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,524 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,524 [Transaction] [INFO] Available credit limit for the  
transaction : 392.21283778163706  
2023-11-19 23:27:21,524 [Transaction] [INFO] Random purchase amount :  
200.58554352287098  
2023-11-19 23:27:21,524 [main] [INFO] Customer purchased an amount of  
200.58554352287098  
2023-11-19 23:27:21,524 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,524 [Transaction] [INFO] Interest to be added for the days :  
56.525894729738106  
2023-11-19 23:27:21,524 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120606  
2023-11-19 23:27:21,524 [Transaction] [INFO] Available credit limit for the  
transaction : 191.6272942587657  
2023-11-19 23:27:21,524 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,524 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120605  
2023-11-19 23:27:21,524 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120606  
2023-11-19 23:27:21,524 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,524 [main] [INFO] Generating transaction for day : 16  
2023-11-19 23:27:21,524 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120606  
2023-11-19 23:27:21,524 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,524 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,524 [Transaction] [INFO] Available credit limit for the  
transaction : 135.10139952902773  
2023-11-19 23:27:21,525 [Transaction] [INFO] Random purchase amount :  
86.08987152293913  
2023-11-19 23:27:21,525 [main] [INFO] Customer purchased an amount of  
86.08987152293913  
2023-11-19 23:27:21,525 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,525 [Transaction] [INFO] Interest to be added for the days :  
66.38458930976081  
2023-11-19 23:27:21,525 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120607  
2023-11-19 23:27:21,525 [Transaction] [INFO] Available credit limit for the  
transaction : 49.011528006088156  
2023-11-19 23:27:21,525 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,525 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120606  
2023-11-19 23:27:21,525 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120607  
2023-11-19 23:27:21,525 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,525 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,525 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120607  
2023-11-19 23:27:21,525 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,525 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,525 [Transaction] [INFO] Available credit limit for the  
transaction : -17.37306130367233  
2023-11-19 23:27:21,525 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,525 [Transaction] [INFO] Interest to be added for the days :  
75.64829310554407  
2023-11-19 23:27:21,525 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120608  
2023-11-19 23:27:21,525 [Transaction] [INFO] Available credit limit for the  
transaction : -17.37306130367233  
2023-11-19 23:27:21,525 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,525 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120607  
2023-11-19 23:27:21,525 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120608  
2023-11-19 23:27:21,525 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,526 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:27:21,526 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120608  
2023-11-19 23:27:21,526 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,526 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,526 [Transaction] [INFO] Available credit limit for the  
transaction : -93.02135440921666  
2023-11-19 23:27:21,526 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,526 [Transaction] [INFO] Interest to be added for the days :  
89.56661365059412



2023-11-19 23:27:21,526 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120609  
2023-11-19 23:27:21,526 [Transaction] [INFO] Available credit limit for the transaction : -93.02135440921666  
2023-11-19 23:27:21,526 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,526 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120608  
2023-11-19 23:27:21,526 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120609  
2023-11-19 23:27:21,526 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,526 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:27:21,526 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120609  
2023-11-19 23:27:21,526 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,526 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,526 [Transaction] [INFO] Available credit limit for the transaction : -182.58796805981092  
2023-11-19 23:27:21,526 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,526 [Transaction] [INFO] Interest to be added for the days : 99.7412979937718  
2023-11-19 23:27:21,526 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120610  
2023-11-19 23:27:21,526 [Transaction] [INFO] Available credit limit for the transaction : -182.58796805981092  
2023-11-19 23:27:21,527 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,527 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120609  
2023-11-19 23:27:21,527 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120610  
2023-11-19 23:27:21,527 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,527 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,527 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120610  
2023-11-19 23:27:21,527 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,527 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,527 [Transaction] [INFO] Available credit limit for the transaction : -282.3292660535826  
2023-11-19 23:27:21,527 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,527 [Transaction] [INFO] Interest to be added for the days : 110.39868509057962  
2023-11-19 23:27:21,527 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120611  
2023-11-19 23:27:21,527 [Transaction] [INFO] Available credit limit for the transaction : -282.3292660535826  
2023-11-19 23:27:21,527 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,527 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120610  
2023-11-19 23:27:21,527 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120611  
2023-11-19 23:27:21,527 [Transaction] [INFO] Random generated number from 1 to 7 :

4

2023-11-19 23:27:21,527 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:27:21,527 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120611  
2023-11-19 23:27:21,527 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,527 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,527 [Transaction] [INFO] Available credit limit for the  
transaction : -392.72795114416203  
2023-11-19 23:27:21,528 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,528 [Transaction] [INFO] Interest to be added for the days :  
130.70262418733773  
2023-11-19 23:27:21,528 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120612  
2023-11-19 23:27:21,528 [Transaction] [INFO] Available credit limit for the  
transaction : -392.72795114416203  
2023-11-19 23:27:21,528 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,528 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120611  
2023-11-19 23:27:21,528 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120612  
2023-11-19 23:27:21,528 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,528 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 6  
2023-11-19 23:27:21,528 [main] [INFO] Generating account activity for month : 7  
2023-11-19 23:27:21,528 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,528 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,528 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,528 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,528 [Transaction] [INFO] Next payment day : 2 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,528 [main] [INFO] Generating payment transaction for day : 2  
2023-11-19 23:27:21,528 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120701  
2023-11-19 23:27:21,528 [Transaction] [INFO] Available credit limit for the  
transaction : -523.4305753315002  
2023-11-19 23:27:21,528 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120701  
2023-11-19 23:27:21,528 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,528 [Transaction] [INFO] Next payment day : 9 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,528 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,528 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120702  
2023-11-19 23:27:21,529 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,529 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,529 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,529 [Transaction] [INFO] Random purchase amount :  
4350.917551574603

2023-11-19 23:27:21,529 [main] [INFO] Customer purchased an amount of 4350.917551574603  
2023-11-19 23:27:21,529 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,529 [Transaction] [INFO] Interest to be added for the days : 19.770228517478824  
2023-11-19 23:27:21,529 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120703  
2023-11-19 23:27:21,529 [Transaction] [INFO] Available credit limit for the transaction : 1155.9824484253968  
2023-11-19 23:27:21,529 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,529 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120702  
2023-11-19 23:27:21,529 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120703  
2023-11-19 23:27:21,529 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,529 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:27:21,529 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120703  
2023-11-19 23:27:21,529 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,529 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,529 [Transaction] [INFO] Available credit limit for the transaction : 1136.2122199079176  
2023-11-19 23:27:21,529 [Transaction] [INFO] Random purchase amount : 747.149580339059  
2023-11-19 23:27:21,529 [main] [INFO] Customer purchased an amount of 747.149580339059  
2023-11-19 23:27:21,529 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,529 [Transaction] [INFO] Interest to be added for the days : 31.030194431372482  
2023-11-19 23:27:21,530 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120704  
2023-11-19 23:27:21,530 [Transaction] [INFO] Available credit limit for the transaction : 389.0626395688587  
2023-11-19 23:27:21,530 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,530 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120703  
2023-11-19 23:27:21,530 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120704  
2023-11-19 23:27:21,530 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,530 [main] [INFO] Generating payment transaction for day : 9  
2023-11-19 23:27:21,530 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120704  
2023-11-19 23:27:21,530 [Transaction] [INFO] Available credit limit for the transaction : 358.0324451374863  
2023-11-19 23:27:21,531 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120704  
2023-11-19 23:27:21,531 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,531 [Transaction] [INFO] Next payment day : 15 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,531 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,531 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120705

2023-11-19 23:27:21,531 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,531 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,531 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,531 [Transaction] [INFO] Random purchase amount :  
4729.317609410758  
2023-11-19 23:27:21,531 [main] [INFO] Customer purchased an amount of  
4729.317609410758  
2023-11-19 23:27:21,531 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,531 [Transaction] [INFO] Interest to be added for the days :  
46.684352036527045  
2023-11-19 23:27:21,531 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120706  
2023-11-19 23:27:21,531 [Transaction] [INFO] Available credit limit for the  
transaction : 777.5823905892412  
2023-11-19 23:27:21,531 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,531 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120705  
2023-11-19 23:27:21,531 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120706  
2023-11-19 23:27:21,531 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,532 [main] [INFO] Generating payment transaction for day : 15  
2023-11-19 23:27:21,532 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120706  
2023-11-19 23:27:21,532 [Transaction] [INFO] Available credit limit for the  
transaction : 730.8980385527138  
2023-11-19 23:27:21,532 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120706  
2023-11-19 23:27:21,532 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,532 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,532 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:27:21,532 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120707  
2023-11-19 23:27:21,532 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,532 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,532 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,532 [Transaction] [INFO] Random purchase amount :  
5100.8414234361735  
2023-11-19 23:27:21,532 [main] [INFO] Customer purchased an amount of  
5100.8414234361735  
2023-11-19 23:27:21,532 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,532 [Transaction] [INFO] Interest to be added for the days :  
65.94438089415839  
2023-11-19 23:27:21,532 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120708  
2023-11-19 23:27:21,532 [Transaction] [INFO] Available credit limit for the  
transaction : 406.05857656382614  
2023-11-19 23:27:21,533 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,533 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000120707  
2023-11-19 23:27:21,533 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120708  
2023-11-19 23:27:21,533 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,533 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:27:21,533 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120708  
2023-11-19 23:27:21,533 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,533 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,533 [Transaction] [INFO] Available credit limit for the  
transaction : 340.1141956696674  
2023-11-19 23:27:21,533 [Transaction] [INFO] Random purchase amount :  
320.27606305833046  
2023-11-19 23:27:21,533 [main] [INFO] Customer purchased an amount of  
320.27606305833046  
2023-11-19 23:27:21,533 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,533 [Transaction] [INFO] Interest to be added for the days :  
83.55073670815793  
2023-11-19 23:27:21,533 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120709  
2023-11-19 23:27:21,533 [Transaction] [INFO] Available credit limit for the  
transaction : 19.838132611336732  
2023-11-19 23:27:21,533 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,533 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120708  
2023-11-19 23:27:21,533 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120709  
2023-11-19 23:27:21,534 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,534 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,534 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120709  
2023-11-19 23:27:21,534 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,534 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,534 [Transaction] [INFO] Available credit limit for the  
transaction : -63.71260409682145  
2023-11-19 23:27:21,534 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,534 [Transaction] [INFO] Interest to be added for the days :  
114.81512269919025  
2023-11-19 23:27:21,534 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120710  
2023-11-19 23:27:21,534 [Transaction] [INFO] Available credit limit for the  
transaction : -63.71260409682145  
2023-11-19 23:27:21,534 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,534 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120709  
2023-11-19 23:27:21,534 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120710  
2023-11-19 23:27:21,534 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,534 [main] [INFO] Generating transaction for day : 31  
2023-11-19 23:27:21,534 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120710  
2023-11-19 23:27:21,534 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,535 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,535 [Transaction] [INFO] Available cash advance for the  
transaction : -178.52772679601185  
2023-11-19 23:27:21,535 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,535 [Transaction] [INFO] Interest to be added for the days :  
134.74601078279272  
2023-11-19 23:27:21,535 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120711  
2023-11-19 23:27:21,535 [Transaction] [INFO] Available credit limit for the  
transaction : -178.52772679601185  
2023-11-19 23:27:21,535 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,535 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120710  
2023-11-19 23:27:21,535 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120711  
2023-11-19 23:27:21,535 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,535 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 7  
2023-11-19 23:27:21,535 [main] [INFO] Generating account activity for month : 8  
2023-11-19 23:27:21,535 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,536 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,536 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,536 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,536 [Transaction] [INFO] Next payment day : 3 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,536 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:27:21,536 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120801  
2023-11-19 23:27:21,536 [Transaction] [INFO] Available credit limit for the  
transaction : -313.2737375788047  
2023-11-19 23:27:21,536 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120801  
2023-11-19 23:27:21,536 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,536 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,536 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,536 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120802  
2023-11-19 23:27:21,536 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,536 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,536 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,536 [Transaction] [INFO] Random purchase amount :  
1352.409055083917  
2023-11-19 23:27:21,537 [main] [INFO] Customer purchased an amount of  
1352.409055083917  
2023-11-19 23:27:21,537 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,537 [Transaction] [INFO] Interest to be added for the days :  
6.145240802929105  
2023-11-19 23:27:21,537 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120803  
2023-11-19 23:27:21,537 [Transaction] [INFO] Available credit limit for the  
transaction : 4154.490944916082  
2023-11-19 23:27:21,537 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,537 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120802  
2023-11-19 23:27:21,537 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120803  
2023-11-19 23:27:21,537 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,537 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:27:21,537 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120803  
2023-11-19 23:27:21,537 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,537 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,537 [Transaction] [INFO] Available credit limit for the  
transaction : 4148.345704113153  
2023-11-19 23:27:21,537 [Transaction] [INFO] Random purchase amount :  
2786.3326569750525  
2023-11-19 23:27:21,537 [main] [INFO] Customer purchased an amount of  
2786.3326569750525  
2023-11-19 23:27:21,538 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,538 [Transaction] [INFO] Interest to be added for the days :  
31.437590065147962  
2023-11-19 23:27:21,538 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120804  
2023-11-19 23:27:21,538 [Transaction] [INFO] Available credit limit for the  
transaction : 1362.0130471381008  
2023-11-19 23:27:21,538 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,538 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120803  
2023-11-19 23:27:21,538 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120804  
2023-11-19 23:27:21,538 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,538 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,538 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120804  
2023-11-19 23:27:21,538 [Transaction] [INFO] Available credit limit for the  
transaction : 1330.5754570729532  
2023-11-19 23:27:21,538 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120804  
2023-11-19 23:27:21,538 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,538 [Transaction] [INFO] Next payment day : 16 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,538 [main] [INFO] Generating transaction for day : 13  
2023-11-19 23:27:21,538 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120805  
2023-11-19 23:27:21,538 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,538 [main] [INFO] Current transaction type is

TransactionType.PURCHASE

2023-11-19 23:27:21,539 [Transaction] [INFO] Available credit limit for the transaction : 5506.9

2023-11-19 23:27:21,539 [Transaction] [INFO] Random purchase amount : 4580.138806273477

2023-11-19 23:27:21,539 [main] [INFO] Customer purchased an amount of 4580.138806273477

2023-11-19 23:27:21,539 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,539 [Transaction] [INFO] Interest to be added for the days : 45.21176839186116

2023-11-19 23:27:21,539 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120806

2023-11-19 23:27:21,539 [Transaction] [INFO] Available credit limit for the transaction : 926.7611937265228

2023-11-19 23:27:21,539 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,539 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120805

2023-11-19 23:27:21,539 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120806

2023-11-19 23:27:21,539 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:27:21,539 [main] [INFO] Generating payment transaction for day : 16

2023-11-19 23:27:21,539 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120806

2023-11-19 23:27:21,539 [Transaction] [INFO] Available credit limit for the transaction : 881.5494253346615

2023-11-19 23:27:21,539 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120806

2023-11-19 23:27:21,539 [Transaction] [INFO] Random generated number from 1 to 7 : 1

2023-11-19 23:27:21,539 [Transaction] [INFO] Next payment day : 17 for given payment type : D\_FULL\_RECURRING

2023-11-19 23:27:21,539 [main] [INFO] Generating transaction for day : 19

2023-11-19 23:27:21,540 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120807

2023-11-19 23:27:21,540 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,540 [main] [INFO] Current transaction type is

TransactionType.PURCHASE

2023-11-19 23:27:21,540 [Transaction] [INFO] Available credit limit for the transaction : 5506.9

2023-11-19 23:27:21,540 [Transaction] [INFO] Random purchase amount : 2457.289668275168

2023-11-19 23:27:21,540 [main] [INFO] Customer purchased an amount of 2457.289668275168

2023-11-19 23:27:21,540 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,540 [Transaction] [INFO] Interest to be added for the days : 35.53251157524929

2023-11-19 23:27:21,540 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120808

2023-11-19 23:27:21,540 [Transaction] [INFO] Available credit limit for the transaction : 3049.6103317248317

2023-11-19 23:27:21,540 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,540 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120807

2023-11-19 23:27:21,540 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120808



2023-11-19 23:27:21,540 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,540 [main] [INFO] Generating transaction for day : 23  
2023-11-19 23:27:21,541 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120808  
2023-11-19 23:27:21,541 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,541 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,541 [Transaction] [INFO] Available credit limit for the  
transaction : 3014.0778201495823  
2023-11-19 23:27:21,541 [Transaction] [INFO] Random purchase amount :  
1125.1653834730791  
2023-11-19 23:27:21,541 [main] [INFO] Customer purchased an amount of  
1125.1653834730791  
2023-11-19 23:27:21,541 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,541 [Transaction] [INFO] Interest to be added for the days :  
63.42623057066909  
2023-11-19 23:27:21,541 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120809  
2023-11-19 23:27:21,541 [Transaction] [INFO] Available credit limit for the  
transaction : 1888.9124366765031  
2023-11-19 23:27:21,541 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,541 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120808  
2023-11-19 23:27:21,541 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120809  
2023-11-19 23:27:21,541 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,541 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,541 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120809  
2023-11-19 23:27:21,541 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,541 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,542 [Transaction] [INFO] Available cash advance for the  
transaction : 550.6899999999999  
2023-11-19 23:27:21,542 [Transaction] [INFO] Random cash amount : 153.0097344130168  
2023-11-19 23:27:21,542 [main] [INFO] Customer has withdrawn cash of  
153.0097344130168  
2023-11-19 23:27:21,542 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,542 [Transaction] [INFO] Interest to be added for the days :  
81.98891337002811  
2023-11-19 23:27:21,542 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120810  
2023-11-19 23:27:21,542 [Transaction] [INFO] Available credit limit for the  
transaction : 1672.476471692817  
2023-11-19 23:27:21,542 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,542 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120809  
2023-11-19 23:27:21,542 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120810  
2023-11-19 23:27:21,542 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,542 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:27:21,542 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120810  
2023-11-19 23:27:21,542 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,542 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,542 [Transaction] [INFO] Available credit limit for the  
transaction : 1590.487558322789  
2023-11-19 23:27:21,543 [Transaction] [INFO] Random purchase amount :  
1021.2913179573831  
2023-11-19 23:27:21,543 [main] [INFO] Customer purchased an amount of  
1021.2913179573831  
2023-11-19 23:27:21,543 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,543 [Transaction] [INFO] Interest to be added for the days :  
109.39178609030135  
2023-11-19 23:27:21,543 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120811  
2023-11-19 23:27:21,543 [Transaction] [INFO] Available credit limit for the  
transaction : 569.1962403654061  
2023-11-19 23:27:21,543 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,543 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120810  
2023-11-19 23:27:21,543 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120811  
2023-11-19 23:27:21,543 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,543 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 8  
2023-11-19 23:27:21,543 [main] [INFO] Generating account activity for month : 9  
2023-11-19 23:27:21,543 [Transaction] [INFO] Payment type for next payment :  
D\_FULL\_RECURRING  
2023-11-19 23:27:21,543 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,543 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,543 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,543 [Transaction] [INFO] Next payment day : 7 for given payment  
type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,543 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,544 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120901  
2023-11-19 23:27:21,544 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,544 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,544 [Transaction] [INFO] Available credit limit for the  
transaction : 459.80445427510494  
2023-11-19 23:27:21,544 [Transaction] [INFO] Random purchase amount :  
37.05882478938563  
2023-11-19 23:27:21,544 [main] [INFO] Customer purchased an amount of  
37.05882478938563  
2023-11-19 23:27:21,544 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,544 [Transaction] [INFO] Interest to be added for the days :  
19.244388997714555  
2023-11-19 23:27:21,544 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120902  
2023-11-19 23:27:21,544 [Transaction] [INFO] Available credit limit for the  
transaction : 422.7456294857193  
2023-11-19 23:27:21,544 [Transaction] [INFO] Interest transaction has been created

successfully.

2023-11-19 23:27:21,544 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120901

2023-11-19 23:27:21,544 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120902

2023-11-19 23:27:21,544 [Transaction] [INFO] Random generated number from 1 to 7 : 6

2023-11-19 23:27:21,544 [main] [INFO] Generating payment transaction for day : 7

2023-11-19 23:27:21,544 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120902

2023-11-19 23:27:21,544 [Transaction] [INFO] Available credit limit for the transaction : 403.50124048800444

2023-11-19 23:27:21,544 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120902

2023-11-19 23:27:21,544 [Transaction] [INFO] Random generated number from 1 to 7 : 7

2023-11-19 23:27:21,544 [Transaction] [INFO] Next payment day : 14 for given payment type : D\_FULL\_RECURREN

2023-11-19 23:27:21,544 [main] [INFO] Generating transaction for day : 11

2023-11-19 23:27:21,545 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120903

2023-11-19 23:27:21,545 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE

2023-11-19 23:27:21,545 [main] [INFO] Current transaction type is TransactionType.PURCHASE

2023-11-19 23:27:21,545 [Transaction] [INFO] Available credit limit for the transaction : 5506.9

2023-11-19 23:27:21,545 [Transaction] [INFO] Random purchase amount : 2553.331220338172

2023-11-19 23:27:21,545 [main] [INFO] Customer purchased an amount of 2553.331220338172

2023-11-19 23:27:21,545 [main] [INFO] Calculate the interest to be added

2023-11-19 23:27:21,545 [Transaction] [INFO] Interest to be added for the days : 21.310846043166656

2023-11-19 23:27:21,545 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120904

2023-11-19 23:27:21,545 [Transaction] [INFO] Available credit limit for the transaction : 2953.5687796618276

2023-11-19 23:27:21,545 [Transaction] [INFO] Interest transaction has been created successfully.

2023-11-19 23:27:21,545 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120903

2023-11-19 23:27:21,545 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120904

2023-11-19 23:27:21,545 [Transaction] [INFO] Random generated number from 1 to 7 : 5

2023-11-19 23:27:21,545 [main] [INFO] Generating payment transaction for day : 14

2023-11-19 23:27:21,545 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120904

2023-11-19 23:27:21,545 [Transaction] [INFO] Available credit limit for the transaction : 2932.257933618661

2023-11-19 23:27:21,545 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120904

2023-11-19 23:27:21,545 [Transaction] [INFO] Random generated number from 1 to 7 : 4

2023-11-19 23:27:21,545 [Transaction] [INFO] Next payment day : 18 for given payment type : D\_FULL\_RECURREN

2023-11-19 23:27:21,545 [main] [INFO] Generating transaction for day : 16

2023-11-19 23:27:21,545 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120905  
2023-11-19 23:27:21,545 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,545 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,545 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,545 [Transaction] [INFO] Random purchase amount :  
4453.85439534024  
2023-11-19 23:27:21,546 [main] [INFO] Customer purchased an amount of  
4453.85439534024  
2023-11-19 23:27:21,546 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,546 [Transaction] [INFO] Interest to be added for the days :  
54.172469151264984  
2023-11-19 23:27:21,546 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120906  
2023-11-19 23:27:21,546 [Transaction] [INFO] Available credit limit for the  
transaction : 1053.0456046597592  
2023-11-19 23:27:21,546 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,546 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120905  
2023-11-19 23:27:21,546 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120906  
2023-11-19 23:27:21,546 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,546 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,546 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120906  
2023-11-19 23:27:21,546 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,546 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,546 [Transaction] [INFO] Available credit limit for the  
transaction : 998.8731355084938  
2023-11-19 23:27:21,546 [Transaction] [INFO] Random purchase amount :  
511.9168519912562  
2023-11-19 23:27:21,546 [main] [INFO] Customer purchased an amount of  
511.9168519912562  
2023-11-19 23:27:21,546 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,546 [Transaction] [INFO] Interest to be added for the days :  
68.74210768071718  
2023-11-19 23:27:21,546 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120907  
2023-11-19 23:27:21,546 [Transaction] [INFO] Available credit limit for the  
transaction : 486.95628351723735  
2023-11-19 23:27:21,546 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,546 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120906  
2023-11-19 23:27:21,546 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120907  
2023-11-19 23:27:21,546 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,547 [main] [INFO] Generating payment transaction for day : 18  
2023-11-19 23:27:21,547 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120907  
2023-11-19 23:27:21,547 [Transaction] [INFO] Available credit limit for the  
transaction : 418.21417583652055

2023-11-19 23:27:21,547 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120907  
2023-11-19 23:27:21,547 [Transaction] [INFO] Random generated number from 1 to 7 : 4  
2023-11-19 23:27:21,547 [Transaction] [INFO] Next payment day : 22 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,547 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:27:21,547 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120908  
2023-11-19 23:27:21,547 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,547 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,547 [Transaction] [INFO] Available credit limit for the transaction : 5506.9  
2023-11-19 23:27:21,547 [Transaction] [INFO] Random purchase amount : 1394.2015970675775  
2023-11-19 23:27:21,547 [main] [INFO] Customer purchased an amount of 1394.2015970675775  
2023-11-19 23:27:21,547 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,547 [Transaction] [INFO] Interest to be added for the days : 20.160213517199104  
2023-11-19 23:27:21,547 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120909  
2023-11-19 23:27:21,547 [Transaction] [INFO] Available credit limit for the transaction : 4112.698402932422  
2023-11-19 23:27:21,547 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,547 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120908  
2023-11-19 23:27:21,547 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120909  
2023-11-19 23:27:21,547 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,547 [main] [INFO] Generating transaction for day : 20  
2023-11-19 23:27:21,547 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120909  
2023-11-19 23:27:21,547 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,547 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,547 [Transaction] [INFO] Available credit limit for the transaction : 4092.5381894152233  
2023-11-19 23:27:21,547 [Transaction] [INFO] Random purchase amount : 115.12881382321838  
2023-11-19 23:27:21,547 [main] [INFO] Customer purchased an amount of 115.12881382321838  
2023-11-19 23:27:21,548 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,548 [Transaction] [INFO] Interest to be added for the days : 23.28934346758601  
2023-11-19 23:27:21,548 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120910  
2023-11-19 23:27:21,548 [Transaction] [INFO] Available credit limit for the transaction : 3977.409375592005  
2023-11-19 23:27:21,548 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,548 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120909  
2023-11-19 23:27:21,548 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000120910  
2023-11-19 23:27:21,548 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,548 [main] [INFO] Generating payment transaction for day : 22  
2023-11-19 23:27:21,548 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120910  
2023-11-19 23:27:21,548 [Transaction] [INFO] Available credit limit for the  
transaction : 3954.1200321244187  
2023-11-19 23:27:21,548 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120910  
2023-11-19 23:27:21,548 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,548 [Transaction] [INFO] Next payment day : 27 for given  
payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,548 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,548 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120911  
2023-11-19 23:27:21,548 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,548 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,548 [Transaction] [INFO] Available credit limit for the  
transaction : 5506.9  
2023-11-19 23:27:21,548 [Transaction] [INFO] Random purchase amount :  
2634.3065737775  
2023-11-19 23:27:21,548 [main] [INFO] Customer purchased an amount of  
2634.3065737775  
2023-11-19 23:27:21,548 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,548 [Transaction] [INFO] Interest to be added for the days :  
48.20766726030288  
2023-11-19 23:27:21,548 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120912  
2023-11-19 23:27:21,548 [Transaction] [INFO] Available credit limit for the  
transaction : 2872.5934262224996  
2023-11-19 23:27:21,548 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,548 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120911  
2023-11-19 23:27:21,548 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000120912  
2023-11-19 23:27:21,548 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,549 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,549 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000120912  
2023-11-19 23:27:21,549 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,549 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,549 [Transaction] [INFO] Available credit limit for the  
transaction : 2824.3857589621966  
2023-11-19 23:27:21,549 [Transaction] [INFO] Random purchase amount :  
2266.6575408439658  
2023-11-19 23:27:21,549 [main] [INFO] Customer purchased an amount of  
2266.6575408439658  
2023-11-19 23:27:21,549 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,549 [Transaction] [INFO] Interest to be added for the days :  
94.37906703936902  
2023-11-19 23:27:21,549 [Transaction] [INFO] Transaction has been created

successfully. Id : 100000120913  
2023-11-19 23:27:21,549 [Transaction] [INFO] Available credit limit for the transaction : 557.7282181182309  
2023-11-19 23:27:21,549 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,549 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120912  
2023-11-19 23:27:21,549 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120913  
2023-11-19 23:27:21,549 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,549 [main] [INFO] Generating payment transaction for day : 27  
2023-11-19 23:27:21,549 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120913  
2023-11-19 23:27:21,549 [Transaction] [INFO] Available credit limit for the transaction : 463.3491510788617  
2023-11-19 23:27:21,549 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120913  
2023-11-19 23:27:21,549 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,549 [Transaction] [INFO] Next payment day : 28 for given payment type : D\_FULL\_RECURRING  
2023-11-19 23:27:21,549 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:27:21,549 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120914  
2023-11-19 23:27:21,549 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,549 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,549 [Transaction] [INFO] Available credit limit for the transaction : 5506.9  
2023-11-19 23:27:21,549 [Transaction] [INFO] Random purchase amount : 2362.338931083091  
2023-11-19 23:27:21,549 [main] [INFO] Customer purchased an amount of 2362.338931083091  
2023-11-19 23:27:21,549 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,549 [Transaction] [INFO] Interest to be added for the days : 54.16139400820033  
2023-11-19 23:27:21,550 [Transaction] [INFO] Transaction has been created successfully. Id : 100000120915  
2023-11-19 23:27:21,550 [Transaction] [INFO] Available credit limit for the transaction : 3144.5610689169084  
2023-11-19 23:27:21,550 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,550 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120914  
2023-11-19 23:27:21,550 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000120915  
2023-11-19 23:27:21,550 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,550 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 9  
2023-11-19 23:27:21,550 [main] [INFO] Generating account activity for month : 10  
2023-11-19 23:27:21,550 [Transaction] [INFO] Payment type for next payment : MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,550 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,550 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,550 [Transaction] [INFO] Next payment day : 10000 for given

payment type : MONTHLY\_MISS\_DUE  
2023-11-19 23:27:21,550 [main] [INFO] Generating transaction for day : 2  
2023-11-19 23:27:21,550 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121001  
2023-11-19 23:27:21,550 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,550 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,550 [Transaction] [INFO] Available credit limit for the  
transaction : 3090.399674908708  
2023-11-19 23:27:21,550 [Transaction] [INFO] Random purchase amount :  
739.9549573166241  
2023-11-19 23:27:21,550 [main] [INFO] Customer purchased an amount of  
739.9549573166241  
2023-11-19 23:27:21,550 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,550 [Transaction] [INFO] Interest to be added for the days :  
4.773672066028392  
2023-11-19 23:27:21,550 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121002  
2023-11-19 23:27:21,550 [Transaction] [INFO] Available credit limit for the  
transaction : 2350.444717592084  
2023-11-19 23:27:21,550 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,551 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121001  
2023-11-19 23:27:21,551 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121002  
2023-11-19 23:27:21,551 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,551 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,551 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121002  
2023-11-19 23:27:21,551 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,551 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,551 [Transaction] [INFO] Available credit limit for the  
transaction : 2345.671045526056  
2023-11-19 23:27:21,551 [Transaction] [INFO] Random purchase amount :  
521.0892014974826  
2023-11-19 23:27:21,551 [main] [INFO] Customer purchased an amount of  
521.0892014974826  
2023-11-19 23:27:21,551 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,551 [Transaction] [INFO] Interest to be added for the days :  
13.938200503477812  
2023-11-19 23:27:21,551 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121003  
2023-11-19 23:27:21,551 [Transaction] [INFO] Available credit limit for the  
transaction : 1824.5818440285734  
2023-11-19 23:27:21,551 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,551 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121002  
2023-11-19 23:27:21,551 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121003  
2023-11-19 23:27:21,551 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,551 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,551 [Transaction] [INFO] Transaction has been created



successfully. Id : 100000121003  
2023-11-19 23:27:21,551 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,551 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,551 [Transaction] [INFO] Available credit limit for the  
transaction : 1810.6436435250957  
2023-11-19 23:27:21,552 [Transaction] [INFO] Random purchase amount :  
1368.3462880047307  
2023-11-19 23:27:21,552 [main] [INFO] Customer purchased an amount of  
1368.3462880047307  
2023-11-19 23:27:21,552 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,552 [Transaction] [INFO] Interest to be added for the days :  
23.013157671846333  
2023-11-19 23:27:21,552 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121004  
2023-11-19 23:27:21,552 [Transaction] [INFO] Available credit limit for the  
transaction : 442.2973555203653  
2023-11-19 23:27:21,552 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,552 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121003  
2023-11-19 23:27:21,552 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121004  
2023-11-19 23:27:21,552 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,552 [main] [INFO] Generating transaction for day : 10  
2023-11-19 23:27:21,552 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121004  
2023-11-19 23:27:21,552 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,552 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,552 [Transaction] [INFO] Available credit limit for the  
transaction : 419.2841978485185  
2023-11-19 23:27:21,552 [Transaction] [INFO] Random purchase amount :  
61.18536407517744  
2023-11-19 23:27:21,552 [main] [INFO] Customer purchased an amount of  
61.18536407517744  
2023-11-19 23:27:21,552 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,552 [Transaction] [INFO] Interest to be added for the days :  
39.05194574221783  
2023-11-19 23:27:21,552 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121005  
2023-11-19 23:27:21,552 [Transaction] [INFO] Available credit limit for the  
transaction : 358.09883377334063  
2023-11-19 23:27:21,552 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,552 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121004  
2023-11-19 23:27:21,552 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121005  
2023-11-19 23:27:21,552 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,552 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:27:21,552 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121005  
2023-11-19 23:27:21,552 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,553 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,553 [Transaction] [INFO] Available credit limit for the  
transaction : 319.04688803112276  
2023-11-19 23:27:21,553 [Transaction] [INFO] Random purchase amount :  
210.00346302556784  
2023-11-19 23:27:21,553 [main] [INFO] Customer purchased an amount of  
210.00346302556784  
2023-11-19 23:27:21,553 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,553 [Transaction] [INFO] Interest to be added for the days :  
69.78423370661858  
2023-11-19 23:27:21,553 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121006  
2023-11-19 23:27:21,553 [Transaction] [INFO] Available credit limit for the  
transaction : 109.04342500555504  
2023-11-19 23:27:21,553 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,553 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121005  
2023-11-19 23:27:21,553 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121006  
2023-11-19 23:27:21,553 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,553 [main] [INFO] Generating transaction for day : 18  
2023-11-19 23:27:21,553 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121006  
2023-11-19 23:27:21,553 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,553 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,553 [Transaction] [INFO] Available credit limit for the  
transaction : 39.25919129893646  
2023-11-19 23:27:21,553 [Transaction] [INFO] Random purchase amount :  
14.274939372632835  
2023-11-19 23:27:21,553 [main] [INFO] Customer purchased an amount of  
14.274939372632835  
2023-11-19 23:27:21,553 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,553 [Transaction] [INFO] Interest to be added for the days :  
75.06826050925014  
2023-11-19 23:27:21,553 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121007  
2023-11-19 23:27:21,553 [Transaction] [INFO] Available credit limit for the  
transaction : 24.98425192630384  
2023-11-19 23:27:21,553 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,553 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121006  
2023-11-19 23:27:21,553 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121007  
2023-11-19 23:27:21,553 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,553 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,553 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121007  
2023-11-19 23:27:21,554 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [Transaction] [INFO] Available credit limit for the

transaction : -50.0840085829459  
2023-11-19 23:27:21,554 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,554 [Transaction] [INFO] Interest to be added for the days :  
105.96984493501267  
2023-11-19 23:27:21,554 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121008  
2023-11-19 23:27:21,554 [Transaction] [INFO] Available credit limit for the  
transaction : -50.0840085829459  
2023-11-19 23:27:21,554 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,554 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121007  
2023-11-19 23:27:21,554 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121008  
2023-11-19 23:27:21,554 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,554 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,554 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121008  
2023-11-19 23:27:21,554 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [Transaction] [INFO] Available credit limit for the  
transaction : -156.0538535179585  
2023-11-19 23:27:21,554 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,554 [Transaction] [INFO] Interest to be added for the days :  
116.71835536604043  
2023-11-19 23:27:21,554 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121009  
2023-11-19 23:27:21,554 [Transaction] [INFO] Available credit limit for the  
transaction : -156.0538535179585  
2023-11-19 23:27:21,554 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,554 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121008  
2023-11-19 23:27:21,554 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121009  
2023-11-19 23:27:21,554 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,554 [main] [INFO] Generating transaction for day : 28  
2023-11-19 23:27:21,554 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121009  
2023-11-19 23:27:21,554 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,554 [Transaction] [INFO] Available credit limit for the  
transaction : -272.77220888399916  
2023-11-19 23:27:21,554 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,554 [Transaction] [INFO] Interest to be added for the days :  
123.58286468436951  
2023-11-19 23:27:21,555 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121010  
2023-11-19 23:27:21,555 [Transaction] [INFO] Available credit limit for the  
transaction : -272.77220888399916  
2023-11-19 23:27:21,555 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,555 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000121009  
2023-11-19 23:27:21,555 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121010  
2023-11-19 23:27:21,555 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,555 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:27:21,555 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121010  
2023-11-19 23:27:21,555 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,555 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,555 [Transaction] [INFO] Available credit limit for the  
transaction : -396.3550735683684  
2023-11-19 23:27:21,555 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,555 [Transaction] [INFO] Interest to be added for the days :  
135.3440523557109  
2023-11-19 23:27:21,555 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121011  
2023-11-19 23:27:21,555 [Transaction] [INFO] Available credit limit for the  
transaction : -396.3550735683684  
2023-11-19 23:27:21,555 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,555 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121010  
2023-11-19 23:27:21,555 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121011  
2023-11-19 23:27:21,555 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,555 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 10  
2023-11-19 23:27:21,555 [main] [INFO] Generating account activity for month : 11  
2023-11-19 23:27:21,555 [Transaction] [INFO] Payment type for next payment :  
D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,555 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,555 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,555 [Transaction] [INFO] Random generated number from 1 to 7 :  
1  
2023-11-19 23:27:21,555 [Transaction] [INFO] Next payment day : 1 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,555 [main] [INFO] Generating payment transaction for day : 1  
2023-11-19 23:27:21,555 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121101  
2023-11-19 23:27:21,555 [Transaction] [INFO] Available credit limit for the  
transaction : -531.6991259240795  
2023-11-19 23:27:21,555 [Transaction] [INFO] Random portion from 0 to 1 :  
0.596603954805738  
2023-11-19 23:27:21,556 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121101  
2023-11-19 23:27:21,556 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,556 [Transaction] [INFO] Next payment day : 5 for given payment  
type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,556 [main] [INFO] Generating transaction for day : 3  
2023-11-19 23:27:21,556 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121102  
2023-11-19 23:27:21,556 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE

2023-11-19 23:27:21,556 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,556 [Transaction] [INFO] Available credit limit for the  
transaction : 3070.952994088699  
2023-11-19 23:27:21,556 [Transaction] [INFO] Random purchase amount :  
935.640246287366  
2023-11-19 23:27:21,556 [main] [INFO] Customer purchased an amount of  
935.640246287366  
2023-11-19 23:27:21,556 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,556 [Transaction] [INFO] Interest to be added for the days :  
7.6514321517044745  
2023-11-19 23:27:21,556 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121103  
2023-11-19 23:27:21,556 [Transaction] [INFO] Available credit limit for the  
transaction : 2135.312747801333  
2023-11-19 23:27:21,556 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,556 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121102  
2023-11-19 23:27:21,556 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121103  
2023-11-19 23:27:21,556 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,556 [main] [INFO] Generating transaction for day : 5  
2023-11-19 23:27:21,556 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121103  
2023-11-19 23:27:21,556 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,556 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,556 [Transaction] [INFO] Available credit limit for the  
transaction : 2127.6613156496287  
2023-11-19 23:27:21,556 [Transaction] [INFO] Random purchase amount :  
739.0236471133428  
2023-11-19 23:27:21,556 [main] [INFO] Customer purchased an amount of  
739.0236471133428  
2023-11-19 23:27:21,556 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,556 [Transaction] [INFO] Interest to be added for the days :  
15.588323352444906  
2023-11-19 23:27:21,556 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121104  
2023-11-19 23:27:21,557 [Transaction] [INFO] Available credit limit for the  
transaction : 1388.6376685362857  
2023-11-19 23:27:21,557 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,557 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121103  
2023-11-19 23:27:21,557 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121104  
2023-11-19 23:27:21,557 [Transaction] [INFO] Random generated number from 1 to 7 :  
4  
2023-11-19 23:27:21,557 [main] [INFO] Generating payment transaction for day : 5  
2023-11-19 23:27:21,557 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121104  
2023-11-19 23:27:21,557 [Transaction] [INFO] Available credit limit for the  
transaction : 1373.049345183841  
2023-11-19 23:27:21,557 [Transaction] [INFO] Random portion from 0 to 1 :  
0.2661714937084989  
2023-11-19 23:27:21,557 [Account] [INFO] Converting from Transaction object to list

to store for transaction : 100000121104  
2023-11-19 23:27:21,557 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,557 [Transaction] [INFO] Next payment day : 10 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,557 [main] [INFO] Generating transaction for day : 9  
2023-11-19 23:27:21,557 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121105  
2023-11-19 23:27:21,557 [Transaction] [INFO] Type of the transaction :  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,557 [main] [INFO] Current transaction type is  
TransactionType.CASH\_ADVANCE  
2023-11-19 23:27:21,557 [Transaction] [INFO] Available cash advance for the  
transaction : 550.6899999999999  
2023-11-19 23:27:21,557 [Transaction] [INFO] Random cash amount :  
19.487471534564897  
2023-11-19 23:27:21,557 [main] [INFO] Customer has withdrawn cash of  
19.487471534564897  
2023-11-19 23:27:21,557 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,557 [Transaction] [INFO] Interest to be added for the days :  
20.832679939543038  
2023-11-19 23:27:21,557 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121106  
2023-11-19 23:27:21,557 [Transaction] [INFO] Available credit limit for the  
transaction : 2453.875077209549  
2023-11-19 23:27:21,557 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,557 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121105  
2023-11-19 23:27:21,557 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121106  
2023-11-19 23:27:21,557 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,557 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,558 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121106  
2023-11-19 23:27:21,558 [Transaction] [INFO] Available credit limit for the  
transaction : 2433.042397270006  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random portion from 0 to 1 :  
0.4628961241962589  
2023-11-19 23:27:21,558 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121106  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random generated number from 1 to 7 :  
3  
2023-11-19 23:27:21,558 [Transaction] [INFO] Next payment day : 13 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,558 [main] [INFO] Generating transaction for day : 12  
2023-11-19 23:27:21,558 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121107  
2023-11-19 23:27:21,558 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,558 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,558 [Transaction] [INFO] Available credit limit for the  
transaction : 3855.9191679049236  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random purchase amount :  
2509.099371223379  
2023-11-19 23:27:21,558 [main] [INFO] Customer purchased an amount of  
2509.099371223379

2023-11-19 23:27:21,558 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,558 [Transaction] [INFO] Interest to be added for the days :  
37.89205122132726  
2023-11-19 23:27:21,558 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121108  
2023-11-19 23:27:21,558 [Transaction] [INFO] Available credit limit for the  
transaction : 1346.819796681545  
2023-11-19 23:27:21,558 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,558 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121107  
2023-11-19 23:27:21,558 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121108  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,558 [main] [INFO] Generating payment transaction for day : 13  
2023-11-19 23:27:21,558 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121108  
2023-11-19 23:27:21,558 [Transaction] [INFO] Available credit limit for the  
transaction : 1308.927745460218  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random portion from 0 to 1 :  
0.25540554904628243  
2023-11-19 23:27:21,558 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121108  
2023-11-19 23:27:21,558 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,558 [Transaction] [INFO] Next payment day : 19 for given  
payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,558 [main] [INFO] Generating transaction for day : 14  
2023-11-19 23:27:21,558 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121109  
2023-11-19 23:27:21,558 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,559 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,559 [Transaction] [INFO] Available credit limit for the  
transaction : 2381.113154012011  
2023-11-19 23:27:21,559 [Transaction] [INFO] Random purchase amount :  
2319.853629115039  
2023-11-19 23:27:21,559 [main] [INFO] Customer purchased an amount of  
2319.853629115039  
2023-11-19 23:27:21,559 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,559 [Transaction] [INFO] Interest to be added for the days :  
57.91230615490089  
2023-11-19 23:27:21,559 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121110  
2023-11-19 23:27:21,559 [Transaction] [INFO] Available credit limit for the  
transaction : 61.259524896971925  
2023-11-19 23:27:21,559 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,559 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121109  
2023-11-19 23:27:21,559 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121110  
2023-11-19 23:27:21,559 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,559 [main] [INFO] Generating payment transaction for day : 19  
2023-11-19 23:27:21,559 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121110

2023-11-19 23:27:21,559 [Transaction] [INFO] Available credit limit for the transaction : 3.3472187420711634  
2023-11-19 23:27:21,559 [Transaction] [INFO] Random portion from 0 to 1 : 0.06836704404740146  
2023-11-19 23:27:21,559 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121110  
2023-11-19 23:27:21,559 [Transaction] [INFO] Random generated number from 1 to 7 : 5  
2023-11-19 23:27:21,559 [Transaction] [INFO] Next payment day : 24 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,559 [main] [INFO] Generating transaction for day : 21  
2023-11-19 23:27:21,559 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121111  
2023-11-19 23:27:21,559 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,559 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,559 [Transaction] [INFO] Available credit limit for the transaction : 379.60885415553093  
2023-11-19 23:27:21,559 [Transaction] [INFO] Random purchase amount : 305.7048973585018  
2023-11-19 23:27:21,559 [main] [INFO] Customer purchased an amount of 305.7048973585018  
2023-11-19 23:27:21,559 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,559 [Transaction] [INFO] Interest to be added for the days : 86.89676635969545  
2023-11-19 23:27:21,559 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121112  
2023-11-19 23:27:21,559 [Transaction] [INFO] Available credit limit for the transaction : 73.90395679702942  
2023-11-19 23:27:21,559 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,560 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121111  
2023-11-19 23:27:21,560 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121112  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,560 [main] [INFO] Generating payment transaction for day : 24  
2023-11-19 23:27:21,560 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121112  
2023-11-19 23:27:21,560 [Transaction] [INFO] Available credit limit for the transaction : -12.99280956266557  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random portion from 0 to 1 : 0.371466956538973  
2023-11-19 23:27:21,560 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121112  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,560 [Transaction] [INFO] Next payment day : 30 for given payment type : D\_PARTIAL\_RECURRING  
2023-11-19 23:27:21,560 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,560 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121113  
2023-11-19 23:27:21,560 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,560 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,560 [Transaction] [INFO] Available credit limit for the



transaction : 2037.4649728269387  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random purchase amount :  
1600.037226838113  
2023-11-19 23:27:21,560 [main] [INFO] Customer purchased an amount of  
1600.037226838113  
2023-11-19 23:27:21,560 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,560 [Transaction] [INFO] Interest to be added for the days :  
104.48618854529074  
2023-11-19 23:27:21,560 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121114  
2023-11-19 23:27:21,560 [Transaction] [INFO] Available credit limit for the  
transaction : 437.42774598882534  
2023-11-19 23:27:21,560 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,560 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121113  
2023-11-19 23:27:21,560 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121114  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,560 [main] [INFO] Generating transaction for day : 29  
2023-11-19 23:27:21,560 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121114  
2023-11-19 23:27:21,560 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,560 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,560 [Transaction] [INFO] Available credit limit for the  
transaction : 332.9415574435343  
2023-11-19 23:27:21,560 [Transaction] [INFO] Random purchase amount :  
325.3529903372731  
2023-11-19 23:27:21,561 [main] [INFO] Customer purchased an amount of  
325.3529903372731  
2023-11-19 23:27:21,561 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,561 [Transaction] [INFO] Interest to be added for the days :  
121.83385824579709  
2023-11-19 23:27:21,561 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121115  
2023-11-19 23:27:21,561 [Transaction] [INFO] Available credit limit for the  
transaction : 7.588567106261507  
2023-11-19 23:27:21,561 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,561 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121114  
2023-11-19 23:27:21,561 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121115  
2023-11-19 23:27:21,561 [Transaction] [INFO] Random generated number from 1 to 7 :  
7  
2023-11-19 23:27:21,561 [Account] [INFO] Converting from Transaction object to list  
to store for account : 10000012, month : 11  
2023-11-19 23:27:21,561 [main] [INFO] Generating account activity for month : 12  
2023-11-19 23:27:21,561 [Transaction] [INFO] Payment type for next payment :  
MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:27:21,561 [main] [INFO] Generating monthly activity data  
2023-11-19 23:27:21,561 [Transaction] [INFO] Random generated number from 1 to 7 :  
6  
2023-11-19 23:27:21,561 [Transaction] [INFO] Random generated number from 1 to 10 :  
3  
2023-11-19 23:27:21,561 [Transaction] [INFO] Next payment day : 3 for given payment

type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:27:21,561 [main] [INFO] Generating payment transaction for day : 3  
2023-11-19 23:27:21,561 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121201  
2023-11-19 23:27:21,561 [Transaction] [INFO] Available credit limit for the  
transaction : -114.24529113953577  
2023-11-19 23:27:21,561 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121201  
2023-11-19 23:27:21,561 [Transaction] [INFO] Random generated number from 1 to 10 :  
10  
2023-11-19 23:27:21,561 [Transaction] [INFO] Next payment day : 10 for given  
payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:27:21,561 [main] [INFO] Generating transaction for day : 6  
2023-11-19 23:27:21,561 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121202  
2023-11-19 23:27:21,561 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,561 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,561 [Transaction] [INFO] Available credit limit for the  
transaction : 447.86923797441796  
2023-11-19 23:27:21,561 [Transaction] [INFO] Random purchase amount :  
41.69288373599112  
2023-11-19 23:27:21,561 [main] [INFO] Customer purchased an amount of  
41.69288373599112  
2023-11-19 23:27:21,561 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,562 [Transaction] [INFO] Interest to be added for the days :  
23.177288672068485  
2023-11-19 23:27:21,562 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121203  
2023-11-19 23:27:21,562 [Transaction] [INFO] Available credit limit for the  
transaction : 406.17635423842694  
2023-11-19 23:27:21,562 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,562 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121202  
2023-11-19 23:27:21,562 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121203  
2023-11-19 23:27:21,562 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,562 [main] [INFO] Generating transaction for day : 8  
2023-11-19 23:27:21,562 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121203  
2023-11-19 23:27:21,562 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,562 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,562 [Transaction] [INFO] Available credit limit for the  
transaction : 382.9990655663587  
2023-11-19 23:27:21,562 [Transaction] [INFO] Random purchase amount :  
154.7325890449672  
2023-11-19 23:27:21,562 [main] [INFO] Customer purchased an amount of  
154.7325890449672  
2023-11-19 23:27:21,562 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,562 [Transaction] [INFO] Interest to be added for the days :  
32.00512502251602  
2023-11-19 23:27:21,562 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121204  
2023-11-19 23:27:21,563 [Transaction] [INFO] Available credit limit for the

transaction : 228.26647652139127  
2023-11-19 23:27:21,563 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,563 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121203  
2023-11-19 23:27:21,563 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121204  
2023-11-19 23:27:21,563 [Transaction] [INFO] Random generated number from 1 to 7 : 3  
2023-11-19 23:27:21,563 [main] [INFO] Generating payment transaction for day : 10  
2023-11-19 23:27:21,563 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121204  
2023-11-19 23:27:21,563 [Transaction] [INFO] Available credit limit for the transaction : 196.26135149887523  
2023-11-19 23:27:21,563 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121204  
2023-11-19 23:27:21,563 [Transaction] [INFO] Random generated number from 1 to 10 : 1  
2023-11-19 23:27:21,563 [Transaction] [INFO] Next payment day : 1 for given payment type : MONTHLY\_MINIMUM\_DUE  
2023-11-19 23:27:21,563 [main] [INFO] Generating transaction for day : 11  
2023-11-19 23:27:21,563 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121205  
2023-11-19 23:27:21,563 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,563 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,563 [Transaction] [INFO] Available credit limit for the transaction : 758.375880612829  
2023-11-19 23:27:21,563 [Transaction] [INFO] Random purchase amount : 400.4198447396798  
2023-11-19 23:27:21,563 [main] [INFO] Customer purchased an amount of 400.4198447396798  
2023-11-19 23:27:21,563 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,563 [Transaction] [INFO] Interest to be added for the days : 42.97458599588452  
2023-11-19 23:27:21,563 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121206  
2023-11-19 23:27:21,563 [Transaction] [INFO] Available credit limit for the transaction : 357.9560358731487  
2023-11-19 23:27:21,563 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,563 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121205  
2023-11-19 23:27:21,563 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121206  
2023-11-19 23:27:21,563 [Transaction] [INFO] Random generated number from 1 to 7 : 6  
2023-11-19 23:27:21,563 [main] [INFO] Generating transaction for day : 17  
2023-11-19 23:27:21,563 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121206  
2023-11-19 23:27:21,563 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,564 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,564 [Transaction] [INFO] Available credit limit for the transaction : 314.9814498772639  
2023-11-19 23:27:21,564 [Transaction] [INFO] Random purchase amount : 111.47108302655407

2023-11-19 23:27:21,564 [main] [INFO] Customer purchased an amount of  
111.47108302655407  
2023-11-19 23:27:21,564 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,564 [Transaction] [INFO] Interest to be added for the days :  
68.5629520634918  
2023-11-19 23:27:21,564 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121207  
2023-11-19 23:27:21,564 [Transaction] [INFO] Available credit limit for the  
transaction : 203.51036685070994  
2023-11-19 23:27:21,564 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,564 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121206  
2023-11-19 23:27:21,564 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121207  
2023-11-19 23:27:21,564 [Transaction] [INFO] Random generated number from 1 to 7 :  
2  
2023-11-19 23:27:21,564 [main] [INFO] Generating transaction for day : 19  
2023-11-19 23:27:21,564 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121207  
2023-11-19 23:27:21,564 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,564 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,564 [Transaction] [INFO] Available credit limit for the  
transaction : 134.9474147872179  
2023-11-19 23:27:21,564 [Transaction] [INFO] Random purchase amount :  
58.547730168840445  
2023-11-19 23:27:21,564 [main] [INFO] Customer purchased an amount of  
58.547730168840445  
2023-11-19 23:27:21,564 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,564 [Transaction] [INFO] Interest to be added for the days :  
78.52526212391365  
2023-11-19 23:27:21,564 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121208  
2023-11-19 23:27:21,564 [Transaction] [INFO] Available credit limit for the  
transaction : 76.39968461837725  
2023-11-19 23:27:21,564 [Transaction] [INFO] Interest transaction has been created  
successfully.  
2023-11-19 23:27:21,564 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121207  
2023-11-19 23:27:21,564 [Account] [INFO] Converting from Transaction object to list  
to store for transaction : 100000121208  
2023-11-19 23:27:21,564 [Transaction] [INFO] Random generated number from 1 to 7 :  
5  
2023-11-19 23:27:21,564 [main] [INFO] Generating transaction for day : 24  
2023-11-19 23:27:21,564 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121208  
2023-11-19 23:27:21,565 [Transaction] [INFO] Type of the transaction :  
TransactionType.PURCHASE  
2023-11-19 23:27:21,565 [main] [INFO] Current transaction type is  
TransactionType.PURCHASE  
2023-11-19 23:27:21,565 [Transaction] [INFO] Available credit limit for the  
transaction : -2.1255775055360573  
2023-11-19 23:27:21,565 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,565 [Transaction] [INFO] Interest to be added for the days :  
100.81486893458137  
2023-11-19 23:27:21,565 [Transaction] [INFO] Transaction has been created  
successfully. Id : 100000121209

2023-11-19 23:27:21,565 [Transaction] [INFO] Available credit limit for the transaction : -2.1255775055360573  
2023-11-19 23:27:21,565 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,565 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121208  
2023-11-19 23:27:21,565 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121209  
2023-11-19 23:27:21,565 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,565 [main] [INFO] Generating transaction for day : 25  
2023-11-19 23:27:21,565 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121209  
2023-11-19 23:27:21,565 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,565 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,565 [Transaction] [INFO] Available credit limit for the transaction : -102.94044644011774  
2023-11-19 23:27:21,565 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,565 [Transaction] [INFO] Interest to be added for the days : 106.97779970236317  
2023-11-19 23:27:21,565 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121210  
2023-11-19 23:27:21,565 [Transaction] [INFO] Available credit limit for the transaction : -102.94044644011774  
2023-11-19 23:27:21,565 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,565 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121209  
2023-11-19 23:27:21,565 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121210  
2023-11-19 23:27:21,565 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,565 [main] [INFO] Generating transaction for day : 27  
2023-11-19 23:27:21,565 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121210  
2023-11-19 23:27:21,566 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,566 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,566 [Transaction] [INFO] Available credit limit for the transaction : -209.9182461424807  
2023-11-19 23:27:21,566 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,566 [Transaction] [INFO] Interest to be added for the days : 117.82854688137819  
2023-11-19 23:27:21,566 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121211  
2023-11-19 23:27:21,566 [Transaction] [INFO] Available credit limit for the transaction : -209.9182461424807  
2023-11-19 23:27:21,566 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,566 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121210  
2023-11-19 23:27:21,566 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121211  
2023-11-19 23:27:21,566 [Transaction] [INFO] Random generated number from 1 to 7 : 1  
2023-11-19 23:27:21,566 [main] [INFO] Generating transaction for day : 28

2023-11-19 23:27:21,566 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121211  
2023-11-19 23:27:21,566 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,566 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,566 [Transaction] [INFO] Available credit limit for the transaction : -327.746793023859  
2023-11-19 23:27:21,566 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,566 [Transaction] [INFO] Interest to be added for the days : 124.75834944324438  
2023-11-19 23:27:21,566 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121212  
2023-11-19 23:27:21,566 [Transaction] [INFO] Available credit limit for the transaction : -327.746793023859  
2023-11-19 23:27:21,566 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,566 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121211  
2023-11-19 23:27:21,566 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121212  
2023-11-19 23:27:21,566 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,566 [main] [INFO] Generating transaction for day : 30  
2023-11-19 23:27:21,566 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121212  
2023-11-19 23:27:21,566 [Transaction] [INFO] Type of the transaction : TransactionType.PURCHASE  
2023-11-19 23:27:21,567 [main] [INFO] Current transaction type is TransactionType.PURCHASE  
2023-11-19 23:27:21,567 [Transaction] [INFO] Available credit limit for the transaction : -452.5051424671037  
2023-11-19 23:27:21,567 [main] [INFO] Calculate the interest to be added  
2023-11-19 23:27:21,567 [Transaction] [INFO] Interest to be added for the days : 136.63140615799432  
2023-11-19 23:27:21,567 [Transaction] [INFO] Transaction has been created successfully. Id : 100000121213  
2023-11-19 23:27:21,567 [Transaction] [INFO] Available credit limit for the transaction : -452.5051424671037  
2023-11-19 23:27:21,567 [Transaction] [INFO] Interest transaction has been created successfully.  
2023-11-19 23:27:21,567 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121212  
2023-11-19 23:27:21,567 [Account] [INFO] Converting from Transaction object to list to store for transaction : 100000121213  
2023-11-19 23:27:21,567 [Transaction] [INFO] Random generated number from 1 to 7 : 2  
2023-11-19 23:27:21,567 [Account] [INFO] Converting from Transaction object to list to store for account : 10000012, month : 12  
2023-11-19 23:27:21,567 [main] [INFO] Storing transactions data  
2023-11-19 23:27:21,568 [Transaction] [INFO] Writing headers into transactions\_data.csv file  
2023-11-19 23:27:21,568 [Transaction] [INFO] Writing transaction details into transactions\_data.csv file  
2023-11-19 23:27:21,570 [Transaction] [INFO] Transaction details have successfully stored into csv file. Transactions count : 441  
2023-11-19 23:27:21,570 [main] [INFO] Storing monthly reports data  
2023-11-19 23:27:21,571 [Transaction] [INFO] Writing headers into monthly\_reports\_data.csv file

2023-11-19 23:27:21,571 [Transaction] [INFO] Writing transaction details into  
monthly\_reports\_data.csv file

2023-11-19 23:27:21,571 [Report] [INFO] Monthly report details have successfully  
stored into csv file. Reports count : 24