Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 1

Enter login > admin

Enter pin > 1234

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 1

Enter new customer ID or 'Q' to quit input > 111

Enter customer last name > Shkuratov

Enter customer first name > Vitaliy

Enter customer login > 1

Enter customer pin > 1

Enter new customer ID or 'Q' to quit input > 222

Enter customer last name > Kuznetzov

Enter customer first name > Nikola

Enter customer login > 2

Enter customer pin > 2

Enter new customer ID or 'Q' to quit input > q

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 1

Enter new customer ID or 'Q' to quit input > 111

The customer with Id 111 already exist!

Enter new customer ID or 'Q' to quit input > q

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 2

Enter customer ID or 'Q' to quit input > 111

Choose type of account:

1. Checking account

2. Saving account

> 1

Enter checking account id > 123

Enter min balanse > 200

Enter Month open account > 2

Enter Day open account > 2

Enter Year open account > 2015

Enter customer ID or 'Q' to quit input > 111

Choose type of account:

1. Checking account

2. Saving account

> 2

Enter saving account id > 456

Enter saving balanse > 300

Enter annual interest rate (%) > 20

Enter Month open account > 3

Enter Day open account > 3

Enter Year open account > 2015

Enter customer ID or 'Q' to quit input > 222

Choose type of account:

1. Checking account

2. Saving account

> 1

Enter checking account id > 789

Enter min balanse > 5000

Enter Month open account > 5

Enter Day open account > 5

Enter Year open account > 2005

Enter customer ID or 'Q' to quit input > 222

Choose type of account:

1. Checking account

2. Saving account

> 2

Enter saving account id > 999

Enter saving balanse > 4000

Enter annual interest rate (%) > 20

Enter Month open account > 4

Enter Day open account > 4

Enter Year open account > 20000

Enter Year open account > 2015

Enter customer ID or 'Q' to quit input > q

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 4

Customer ID: 111, Name: Shkuratov, Vitaliy

Customer ID: 222, Name: Kuznetzov, Nikola

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 5

Customer Id: 111, account Id: 123, current balance CAD: 200.0, opened: 2/2/2015, min balace CAD: 200.0

Customer Id: 111, account Id: 456, current balance CAD: 300.0, opened: 3/3/2015, saving balance CAD: 300.0, annual interest rate(%): 20.0

Customer Id: 222, account Id: 789, current balance CAD: 5000.0, opened: 5/5/2005, min balace CAD: 5000.0

Customer Id: 222, account Id: 999, current balance CAD: 4000.0, opened: 4/4/2015, saving balance CAD: 4000.0, annual interest rate(%): 20.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 6

Enter Id of the customer > 111

Customer Id: 111, account Id: 123, current balance CAD: 200.0, opened: 2/2/2015, min balace CAD: 200.0

Customer Id: 111, account Id: 456, current balance CAD: 300.0, opened: 3/3/2015, saving balance CAD: 300.0, annual interest rate(%): 20.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 6

Enter Id of the customer > 222

Customer Id: 222, account Id: 789, current balance CAD: 5000.0, opened: 5/5/2005, min balace CAD: 5000.0

Customer Id: 222, account Id: 999, current balance CAD: 4000.0, opened: 4/4/2015, saving balance CAD: 4000.0, annual interest rate(%): 20.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 7

Enter ID or First or Last names is searching customer > 111

Customer ID: 111, Name: Shkuratov, Vitaliy

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 7

Enter ID or First or Last names is searching customer > Nikola

Customer ID: 222, Name: Kuznetzov, Nikola

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 7

Enter ID or First or Last names is searching customer > zdsdf

Any customer with zdsdf has not been found!

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 8

Enter account Id > 123

Customer Id: 111, account Id: 123, current balance CAD: 200.0, opened: 2/2/2015, min balace CAD: 200.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 8

Enter account Id > 5555555

Any account with Id 5555555 has not been found!

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 11

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

5/5/2005, Account Id: 789 Dr 5000.0 Open account/Deposit money

4/4/2015, Account Id: 999 Dr 4000.0 Open account/Deposit money

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 12

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 2

Enter login > 1

Enter pin > 1

Welcome Vitaliy Shkuratov

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 1

Enter account Id > 123

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for deposit > 500

The amount CAD 500.00 has been successfully added to your account 123.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 7

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

7/7/2016, Account Id: 123 Dr 500.0 Deposit money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 1

Enter account Id > 456

Enter Month transaction account > 300

Enter Month transaction account > 5

Enter Day transaction account > 5

Enter Year transaction account > 2016

Enter amount for deposit > 2

The amount CAD 2.00 has been successfully added to your account 456.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 1

Enter account Id > 123

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for deposit > 20

The amount CAD 20.00 has been successfully added to your account 123.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 2

Enter account Id > 123

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for withdrawal > 50

The amount CAD 50.00 has been successfully removed from your account 123.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 2

Enter account Id > 123

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for withdrawal > 10000000

Insufficient fund!

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 2

Enter account Id > 456

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for withdrawal > 20

Insufficient fund!

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 1

Enter account Id > 456

Enter Month transaction account > 4000

Enter Month transaction account > 2

Enter Day transaction account > 2

Enter Year transaction account > 2016

Enter amount for deposit > 4000

The amount CAD 4000.00 has been successfully added to your account 456.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 2

Enter account Id > 456

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for withdrawal > 50

The amount CAD 50.00 has been successfully removed from your account 456.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 7

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

7/7/2016, Account Id: 123 Dr 500.0 Deposit money

7/7/2016, Account Id: 123 Dr 20.0 Deposit money

7/7/2016, Account Id: 123 Cr 50.0 Withdrawal money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

5/5/2016, Account Id: 456 Dr 2.0 Deposit money

2/2/2016, Account Id: 456 Dr 4000.0 Deposit money

7/7/2016, Account Id: 456 Cr 50.0 Withdrawal money

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 5

Enter account Id to get a monthly interest > 456

Any account with Id 456 has not been found!

The account 456 has a current balance CAD 4252.00. The monthly interest equal CAD 70.87.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 6

Enter old login > 1

Enter old pin > 1

Enter new login > 11

Enter new pin > 11

The login and pin have been successfully modified

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 8

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 2

Enter login > 11

Enter pin > 11

Welcome Vitaliy Shkuratov

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 4

Enter account Id > 123

Customer Id: 111, account Id: 123, current balance CAD: 670.0, opened: 2/2/2015, min balace CAD: 200.0

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 8

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 1

Enter login > admin

Enter pin > 1234

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 11

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

5/5/2005, Account Id: 789 Dr 5000.0 Open account/Deposit money

4/4/2015, Account Id: 999 Dr 4000.0 Open account/Deposit money

7/7/2016, Account Id: 123 Dr 500.0 Deposit money

5/5/2016, Account Id: 456 Dr 2.0 Deposit money

7/7/2016, Account Id: 123 Dr 20.0 Deposit money

7/7/2016, Account Id: 123 Cr 50.0 Withdrawal money

2/2/2016, Account Id: 456 Dr 4000.0 Deposit money

7/7/2016, Account Id: 456 Cr 50.0 Withdrawal money

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 3

Enter Id of modifying account > 999

The account with Id 999 cannot be modified!

The account 999 has a current annual interest rate 20.00

Enter new interest rate(%) > 40

The account 999 has a new annual interest rate 40.00

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 12

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 2

Enter login > 2

Enter pin > 2

Welcome Nikola Kuznetzov

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 1

Enter account Id > 789

Enter Month transaction account > 7

Enter Day transaction account > 7

Enter Year transaction account > 2016

Enter amount for deposit > 3000

The amount CAD 3000.00 has been successfully added to your account 789.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 2

Enter account Id > 789

Enter Month transaction account > 4

Enter Day transaction account > 4

Enter Year transaction account > 2016

Enter amount for withdrawal > 300

The amount CAD 300.00 has been successfully removed from your account 789.

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 3

Customer Id: 222, account Id: 789, current balance CAD: 7700.0, opened: 5/5/2005, min balace CAD: 5000.0

Customer Id: 222, account Id: 999, current balance CAD: 4000.0, opened: 4/4/2015, saving balance CAD: 4000.0, annual interest rate(%): 40.0

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 7

5/5/2005, Account Id: 789 Dr 5000.0 Open account/Deposit money

7/7/2016, Account Id: 789 Dr 3000.0 Deposit money

4/4/2016, Account Id: 789 Cr 300.0 Withdrawal money

4/4/2015, Account Id: 999 Dr 4000.0 Open account/Deposit money

1. Make deposit

2. Make withdrawal

3. Display accounts

4. Search account

5. Calculate monthly interest

6. Modify Login and Pin

7. Display your transactions

8. Exit menu

> 8

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 1

Enter login > admin

Enter pin > 1234

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 9

Enter ID is removing customer > 222

A remote customer contains account(s). Firstly remove owned by the user account(s)!

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 10

Enter ID of removing account > 999

Enter the month the account is closed > 7

Enter the day the account is closed > 14

Enter the year the account is closed > 2016

Account with Id 999 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 5

Customer Id: 111, account Id: 123, current balance CAD: 670.0, opened: 2/2/2015, min balace CAD: 200.0

Customer Id: 111, account Id: 456, current balance CAD: 4252.0, opened: 3/3/2015, saving balance CAD: 300.0, annual interest rate(%): 20.0

Customer Id: 222, account Id: 789, current balance CAD: 7700.0, opened: 5/5/2005, min balace CAD: 5000.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 10

Enter ID of removing account > 789

Enter the month the account is closed > 7

Enter the day the account is closed > 14

Enter the year the account is closed > 2016

Account with Id 789 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 5

Customer Id: 111, account Id: 123, current balance CAD: 670.0, opened: 2/2/2015, min balace CAD: 200.0

Customer Id: 111, account Id: 456, current balance CAD: 4252.0, opened: 3/3/2015, saving balance CAD: 300.0, annual interest rate(%): 20.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 4

Customer ID: 111, Name: Shkuratov, Vitaliy

Customer ID: 222, Name: Kuznetzov, Nikola

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 9

Enter ID is removing customer > 222

The customer with Id 222 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 4

Customer ID: 111, Name: Shkuratov, Vitaliy

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 11

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

5/5/2005, Account Id: 789 Dr 5000.0 Open account/Deposit money

4/4/2015, Account Id: 999 Dr 4000.0 Open account/Deposit money

7/7/2016, Account Id: 123 Dr 500.0 Deposit money

5/5/2016, Account Id: 456 Dr 2.0 Deposit money

7/7/2016, Account Id: 123 Dr 20.0 Deposit money

7/7/2016, Account Id: 123 Cr 50.0 Withdrawal money

2/2/2016, Account Id: 456 Dr 4000.0 Deposit money

7/7/2016, Account Id: 456 Cr 50.0 Withdrawal money

7/7/2016, Account Id: 789 Dr 3000.0 Deposit money

4/4/2016, Account Id: 789 Cr 300.0 Withdrawal money

7/14/2016, Account Id: 999 Cr 4000.0 Close account/Withdrawal money

7/14/2016, Account Id: 789 Cr 7700.0 Close account/Withdrawal money

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 10

Enter ID of removing account > 123

Enter the month the account is closed > 7

Enter the day the account is closed > 14

Enter the year the account is closed > 2016

Account with Id 123 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 5

Customer Id: 111, account Id: 456, current balance CAD: 4252.0, opened: 3/3/2015, saving balance CAD: 300.0, annual interest rate(%): 20.0

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 10

Enter ID of removing account > 456

Enter the month the account is closed > 7

Enter the day the account is closed > 14

Enter the year the account is closed > 2016

Account with Id 456 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 4

Customer ID: 111, Name: Shkuratov, Vitaliy

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 9

Enter ID is removing customer > 111

The customer with Id 111 has been removed

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 4

Customer list is empty.

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 11

2/2/2015, Account Id: 123 Dr 200.0 Open account/Deposit money

3/3/2015, Account Id: 456 Dr 300.0 Open account/Deposit money

5/5/2005, Account Id: 789 Dr 5000.0 Open account/Deposit money

4/4/2015, Account Id: 999 Dr 4000.0 Open account/Deposit money

7/7/2016, Account Id: 123 Dr 500.0 Deposit money

5/5/2016, Account Id: 456 Dr 2.0 Deposit money

7/7/2016, Account Id: 123 Dr 20.0 Deposit money

7/7/2016, Account Id: 123 Cr 50.0 Withdrawal money

2/2/2016, Account Id: 456 Dr 4000.0 Deposit money

7/7/2016, Account Id: 456 Cr 50.0 Withdrawal money

7/7/2016, Account Id: 789 Dr 3000.0 Deposit money

4/4/2016, Account Id: 789 Cr 300.0 Withdrawal money

7/14/2016, Account Id: 999 Cr 4000.0 Close account/Withdrawal money

7/14/2016, Account Id: 789 Cr 7700.0 Close account/Withdrawal money

7/14/2016, Account Id: 123 Cr 670.0 Close account/Withdrawal money

7/14/2016, Account Id: 456 Cr 4252.0 Close account/Withdrawal money

1. Add the customer

2. Add account to customer

3. Modify interest rate of saving account

4. Display all customers

5. Display all accounts

6. Display all accounts belonging to particular customer

7. Search the customer

8. Search the account

9. Remove the customer

10. Remove the account

11. Display all transactions

12. Exit menu

> 12

Choise one of:

1. Enter as bank employee.

2. Enter as bank customer.

3. Exit application.

> 3