

S3 CSE Object Oriented Programming

LAB EXAM

Date :03-01-2022

- 1. A Bank has N customers who have attributes Name, account number (3-digit number), savings. Create an arraylist which has these initial details for the customer.**

{ "AAA", 101, 1000}

{"BBB",102,2000}

{"CCC",103,3000}

Now when user enters the following.

- 1. Add/Withdraw**
- 2. Add new customer**
- 3. View by savings**
- 4. View by Name**

When 1 is entered the user must enter the following

- a. First is account no, second is withdrawal or deposit(W/D) and next is the amount, the details of the customer with savings amount and total amount available in Bank should be displayed.**

INPUT TEST CASE 1

101 W 500

OUTPUT

Customer name: AAA

Account no: 101

Savings: 500

Total Balance in the bank: 500

INPUT TEST CASE 2

102 D 1000

OUTPUT

Customer name: BBB

Account no: 102

Savings : 3000

Total Balance in the bank: 5000

When 2 is entered the user enters the following

- b. If the user enters the following a new customer should be created and added. N is a new customer**

INPUT

“DDD”, N, 5000

OUTPUT

Customer name: DDD

Account no: 104

Savings: 5000

Total Balance in the bank: 11500

When 3 is entered the account no, current balance with all customer name sorted in ascending order should be displayed.

OUTPUT

Customer name	Account no	Balance
AAA	101	ddd
BBB	102	ddd

When 4 is entered all the customer details with account no sorted in descending order should be displayed

OUTPUT

Customer name	Account no	Balance
DDD	104	5000
CCC	103	3000

