DRIVER for the Account Class

0. open

1. deposit

2. withdraw

3. balance

4. lock

5. unlock

6. login

7. pin

8. logout

Testing-related methods

a. show\_balance

b. show state

c. show\_num\_pin\_tries

d. show\_locked\_flag

q. Quit Account driver

# Test#1

> 0

Account class - Open Method

Enter initial balance:

500

Enter pin number:

1

Enter account number:

2

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

# Test#2

> 0

Account class - Open Method

Enter initial balance:

400

Enter pin number:

1

Enter account number:

2

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 1

Account class - Deposit Method

Enter deposit amount:

200

The value returned by the method is: 0

> a

Account class - show\_balance() testing-oriented method

balance = 600

> b

Account class - show\_state() testing-oriented method

READY state

> 8

Account class - Logout Method

The value returned by the method is: 0

# Test#3

> 0

Account class - Open Method

Enter initial balance:

500

Enter pin number:

1

Enter account number:

2

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

50

The value returned by the method is: -1

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> b

Account class - show\_state() testing-oriented method

CHECK PIN state

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> b

Account class - show\_state() testing-oriented method

IDLE state

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

# Test#4

> 0

Account class - Open Method

Enter initial balance:

400

Enter pin number:

1

Enter account number:

2

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> b

Account class - show\_state() testing-oriented method

CHECK PIN state

> 8

Account class - Logout Method

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

50

The value returned by the method is: -1

> b

Account class - show\_state() testing-oriented method

CHECK PIN state

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> b

Account class - show\_state() testing-oriented method

OVERDRAWN state

> 8

Account class - Logout Method

The value returned by the method is: 0

# Test#5

> 0

Account class - Open Method

Enter initial balance:

600

Enter pin number:

1

Enter account number:

2

The value returned by the method is: 0

> 6

Account class - Login Method

Enter account number:

2

The value returned by the method is: 0

> 7

Account class - Pin Method

Enter pin number:

1

The value returned by the method is: 0

> 4

Account class - Lock Method

Enter lock number:

3

The value returned by the method is: 0

> b

Account class - show\_state() testing-oriented method

LOCKED state

> 3

Account class - Balance Method

The value returned by the method is: 600

OUTPUT: 600

> 5

Account class - Unlock Method

Enter lock number:

3

The value returned by the method is: 0

> 4

Account class - Lock Method

Enter lock number:

3

The value returned by the method is: 0

> b

Account class - show\_state() testing-oriented method

LOCKED state

> 5

Account class - Unlock Method

Enter lock number:

3

The value returned by the method is: 0

> 2

Account class - Withdraw Method

Enter withdraw amount:

200

The value returned by the method is: 0

> a

Account class - show\_balance() testing-oriented method

balance = 380

> b

Account class - show\_state() testing-oriented method

OVERDRAWN state

> 8

Account class - Logout Method

The value returned by the method is: 0

# Test#6