**Assignment Banking**

# Banking

Write a program for banking operations.

* You will have many customers and
* your operations will be
  + changing password,
  + depositing,
  + withdrawal, and
  + printing the current account information.
* Your program should prompt the user with the menu,
* read in the user's choice,
* execute the choice, and
* then re-prompt the user with the menu and
* continue until the user chooses to quit.
* You will ask
  + the account number
    - test until a valid account number is given or
    - exit is selected by -1 and
  + the password
    - test the validity of password
    - if it is given wrong three times block the account
  + Then ask for the operation and
    - if it is deposit/withdrawal ask for the amount,
    - if it is printing show the account information in a detailed way.
  + Continue these operations until the user wants to quit.

# You can select one of the followings for coding but state which one is selected at the top of your code

* **Program A:** Using lists
* **Program B:** Using dictionaries

Def abc ():

C=0

Return C

Print(abc())

X=abc()

Print(x)

# Sample execution:

Welcome to our bank 1. New account

2. Operations

3.Exit Selection:1

Your

Name: Hung Nguyen Address: FFFFFFFFF Phone:YYYYYYY Initial Amount: 50 Password:xxxxxx

Re-type password:xxxxxx

Your account has been successfully completed as:

Name: Hung Nguyen Address: FFFFFFFFF Phone:YYYYYYY Initial Amount: 50

Your account number is:100

Do not forget your account number and password Press -1 for main menu 2 for operations

-1

Welcome to our bank 1.New account 2.Operations

1. Exit Selection:2

Enter your account number: 100 Enter your password: xxxxxx

Select your operations from the menu

* 1. Change password
  2. Deposit
  3. Withdraw
  4. Print
  5. Exit

Your choice:1 New Password:333

Retype new password:332

They do not match. Retype again:333

Your password has been changed successfully.

Select your operations from the menu

1. Change password
2. Deposit
3. Withdraw
4. Print
5. Exit

Your choice:2 Amount:100 Operation successful

Select your operations from the menu

1. Change password
2. Deposit
3. Withdraw
4. Print
5. Exit

Your choice:3 Amount:50 Operation successful

Select your operations from the menu

1. Change password
2. Deposit
3. Withdraw
4. Print
5. Exit

Your choice:4

Name: Hung Nguyen Address: FFFFFFFFF Phone:YYYYYYY Account number:100 Balance=50USD

Select your operations from the menu

1. Change password
2. Deposit
3. Withdraw
4. Print
5. Exit to main menu Your choice:5

Good Bye!

Welcome to our bank 1. New account 2.Operations

3.Exit Selection:2

Enter your account number: 150

This is an invalid account please try again:100 Enter your password:123

Wrong password. Try again:124 Wrong password. Try again:125

Your account is blocked since your password is wrong!!! Call the bank immediately.

Welcome to our bank 1.New account 2.Operations

3.Exit Selection:2

Enter your account number: 100 Your account has been blocked.

Welcome to our bank 1. New account 2.Operations

3.Exit Selection:3 Operations done!