

NAME: IMMADI N M S ARYA

QUESTION:

WRITE DOWN A PROGRAM TO DISPLAY THE DETAILS OF 5 BANK ACCOUNT HOLDERS. BUT ONLY THE NAME OF ACCOUNT HOLDER SHOULD BE AVAILABLE FOR THE PUBLIC. ALL OTHER DETAILS OF ACCOUNT HOLDER SHOULD BE AVAILABLE ONLY TO BANK AUTHORITIES.

PROGRAM:

19ELC202 - LABSHEET - 3.py - C:/Users/meher/OneDrive - Amrita university/AMRITA - SEMESTER - 3/19ELC202 - SEMESTER 3/19ELC202 - LABSHEET - 3.py (3.9.7)

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```
a1 = input("Holder_1: ")
a2 = input("Holder_2: ")
a3 = input("Holder_3: ")
a4 = input("Holder_4: ")
a5 = input("Holder_5: ")
```

```
class Bank:
    def __init__(self, name):
        self.name = name
        self.__Acct_no = 9999
        self.__Balance = 7878
        self.__Fixed_dp = 878
        self.__loan = 988

    def display(self):
        print("NAME", self.name)

    def get_Acct_no(self):
        return self.__Acct_no
    def get_Balance(self):
        return self.__Balance
    def get_Fixed_dp(self):
        return self.__Fixed_dp
    def get_loan(self):
        return self.__loan

    def set_Acct_no(self, f):
        self.__Acct_no = f
    def set_Balance(self, g):
        self.__Balance = g
    def set_Fixed_dp(self, h):
        self.__Fixed_dp = h
    def set_loan(self, i):
        self.__loan = i
```

```
s1 = Bank(a1)
s1.display()
s1.set_Acct_no(9876543210)
print("Acct_no:", s1.get_Acct_no())
s1.set_Balance(25000)
print("Balance:", s1.get_Balance())
s1.set_Fixed_dp(10000)
print("Fixed_dp", s1.get_Fixed_dp())
s1.set_loan(50000)
print("loan:", s1.get_loan())
```

```
s2 = Bank(a2)
s2.display()
s2.set_Acct_no(9876543648)
print("Acct_no:", s2.get_Acct_no())
s2.set_Balance(5000)
print("Balance:", s2.get_Balance())
s2.set_Fixed_dp(1000000)
print("Fixed_dp", s2.get_Fixed_dp())
s2.set_loan(5000)
print("loan:", s2.get_loan())
```

```
s3 = Bank(a3)
s3.display()
s3.set_Acct_no(4578943220)
print("Acct_no:", s3.get_Acct_no())
s3.set_Balance(6000)
print("Balance:", s3.get_Balance())
s3.set_Fixed_dp(720000)
print("Fixed_dp", s3.get_Fixed_dp())
s3.set_loan(450000)
print("loan:", s3.get_loan())
```

```
s4 = Bank(a4)
s4.display()
s4.set_Acct_no(5678902535)
print("Acct_no:", s4.get_Acct_no())
s4.set_Balance(65000)
print("Balance:", s4.get_Balance())
s4.set_Fixed_dp(500000)
print("Fixed_dp", s4.get_Fixed_dp())
s4.set_loan(82000)
print("loan:", s4.get_loan())
```

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```
s5= Bank(a5)
s5.display()
s5.set_Acct_no(8903462748)
print("Acct_no:",s5.get_Acct_no())
s5.set_Balance(45600)
print("Balance:",s5.get_Balance())
s5.set_Fixed_dp(200000)
print("Fixed_dp",s5.get_Fixed_dp())
s5.set_loan(4100)
print("loan:",s5.get_loan())
```

OUTPUT

Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32

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>>>

= RESTART: C:/Users/meher/OneDrive - Amrita university/AMRITA - SEMESTER - 3/19ELC202 - SEMESTER 3/19ELC202 - LABSHEET - 3.py

Holder_1: ARYA

Holder_2: ADARSH

Holder_3: ABHINAV

Holder_4: PRANEETH

Holder_5: PRABHAS

NAME ARYA

Acct_no: 9876543210

Balance: 25000

Fixed_dp 10000

loan: 50000

NAME ADARSH

Acct_no: 9876543648

Balance: 5000

Fixed_dp 1000000

loan: 5000

NAME ABHINAV

Acct_no: 4578943220

Balance: 6000

Fixed_dp 720000

loan: 450000

NAME PRANEETH

Acct_no: 5678902535

Balance: 65000

Fixed_dp 500000

loan: 82000

NAME PRABHAS

Acct_no: 8903462748

Balance: 45600

Fixed_dp 200000

loan: 4100

>>> |