INT 108: PYTHON PROJECT

Project Description: The task is to replicate the working of ATM for a single user.

Source code to the Project:

A python code to design an ATM machine

start by defining some functions to make our code stress free

```python
def substract(a, b):
    return a - b



def add(a, b):
    return a + b
```

```python
def withdraw(accBalance, amount):
    newBalance = substract(accBalance, amount)
    return newBalance




def deposit(accBalance, amount):
    newBalance = add(accBalance, amount)
    return newBalance




def thanks():
    print("\nThank you for banking with us.")
    print("_____
\n")


# welcoming the user and assigning values to some
variables
```

```python
def main():

    print("_____ \n")

    name = print("WELCOME TO LAXMI CHIT FUND")

    print("_____ \n")



    balance = int(1000000)
    count=0




# inputs your pin and checks if its correctso as to display
your available balance

    while True:

        if count>=3:

            print("Your card has been blocked! Please visit
your nearest branch to unblock your card.")

            break

        elif count==0:
```

```python
        pin = int(input("Enter your pin: "))

        password = 6969

    else:

        pin = int(input("Enter your pin again: "))

        password = 6969

    if password != pin:

        print("Pin Incorrect!")

        count+=1

        print(f"You have {3-count} attempts remaining.
\n")

        continue

    else:

        print("\n"+f"Your existing balance is: ₹{balance}")




    # if balance is displayed, it prompts the user to select
between 1,2 or 3 for the next line of action that would be
performed
```

```python
    # if the user selects "1", it askes "how much" and then
shows available balance by deducting the amount
withdrawn from the initial balance

        #money = input("1: withdraw or 2: deposit or 3:
exit: ")

        while True:

            money = input("\n1: withdraw \n2: deposit\n3:
exit \n \nEnter your choice: ")

            if money == "1":

                user_withdraw = int(input("Enter the amount
you wish to withdraw: ₹"))

                if user_withdraw > balance:

                    print("\nYou don't have sufficient funds.")

                    thanks()

                else:

                    print('\n'+f"You have withdrawn
₹{user_withdraw} from your Account.")

                    balance = withdraw(balance,
user_withdraw)

                    print(f"Your balance after withdrawal is:
₹{balance}")
```

```python
            thanks()


    # else if the user selects "2", it shows "how much"
and then shows the total balance
        elif money == "2":
            user_deposit = int(input("Enter the amount
you wish to deposit: ₹"))
            print(f"\nYou have deposited ₹{user_deposit}
to your Account.")
            if user_deposit > balance:
                balance=deposit(balance, user_deposit)
                print("Plenty money to spend!")
                print(f"Your balance after deposit is:
₹{balance}")
                thanks()
            else:
                balance=deposit(balance, user_deposit)
                print(f"Your balance after deposit is:
₹{balance}")
                thanks()
```

```python
        # if user selects "3", thank you for banking with us!
        elif money == "3":
            thanks()
            break


        else:
            print("Please Call The Security")
            continue
    break

main()
```

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug  1 2022, 21:53:49) [MSC
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more infor
==== No Subprocess ====

WARNING: Running IDLE without a Subprocess is deprecated
and will be removed in a later version. See Help/IDLE Help
for details.

>>>
     _____

     WELCOME TO LAXMI CHIT FUND
     _____

     Enter your pin: 6969

     Your existing balance is: ₹1000000

     1: withdraw
     2: deposit
     3: exit

     Enter your choice: 1
     Enter the amount you wish to withdraw: ₹200000

     You have withdrawn ₹200000 from your Account.
     Your balance after withdrawal is: ₹800000

     Thank you for banking with us.
     _____
```

```
1: withdraw
2: deposit
3: exit

Enter your choice: 2
Enter the amount you wish to deposit: ₹300000

You have deposited ₹300000 to your Account.
Your balance after deposit is: ₹1100000

Thank you for banking with us.
_____

1: withdraw
2: deposit
3: exit

Enter your choice: 3

Thank you for banking with us.
_____
>>>
```