

Python 101 Homework : simulate on ATM used by using OOP

I'll show on 5 scenarios:

1. Show account's name and balance
2. Check account's balance
3. Deposit money to the account
4. Transfer money to friend
5. Withdraw money out

```
class ATM():
    def __init__(self, name, balance, receiver, money):
        self.name = name
        self.balance = balance
        self.receiver = receiver
        self.money = money

    def check_balance(self):
        message = f"Your account {self.name} has balance of {self.balance}"
        print(message)

    def deposit(self, money):
        self.balance = self.balance + money
        print(f"New Balance: {self.balance}" )
        print("Deposit successfully.")

    def transfer(self, receiver, money):
        self.money = money
        self.receiver = receiver
        self.balance = self.balance - money
        print(f"Total of {self.money} has been transferred to {self.receiver} ")
        print("Transfer successfully")
        print(f"Current Balance is {self.balance}")

    def withdraw(self, money):
        self.balance = self.balance - money
        print(f"Current balance is {self.balance}")
        print("Please get your card back")
```

1. Show account name and balance

```
kbank = ATM("Yok", 1000, "Nut", 200)  
print(kbank.name, kbank.balance)
```

Yok 1000

2. Check account's balance

```
kbank.check_balance()
```

Your account Yok has balance of 1000

3. Deposit money to the account

```
kbank.deposit(500)
```

New Balance: 1500
Deposit successfully.

4. Transfer money to friend and see the

balance

```
kbank.transfer("Nut", 200)
```

Total of 200 has been transferred to Nut
Transfer successfully
Current Balance is 1300

5. Withdraw money and see the balance

```
kbank.withdraw(100)
```

Current balance is 1200
Please get your card back