ATM

- Check balance
- Deposit
- Withdraw
- Transfer
- Change account name
- Chang password
- Log in

```python
class ATM:
    def __init__(self, name, password, balance):
        self.name = name
        self.password = password
        self.balance = balance

    def check_balance(self):
        print(f'Account: {self.name}')
        print(f'Balance: {self.balance} THB.')

    def deposite(self):
        money = float(input('Deposit Amount:'))
        self.money = money
        self.balance += money
        print(f'Balance: {self.balance} THB.')
        print('Deposit successfully.')

    def withdraw(self):
        money = float(input('Withdraw Amount:'))
        self.money = money
        if self.balance >= money:
            self.balance -= money
            print(f'Balance: {self.balance} THB.')
            print('Withdraw successfully.')
        else:
            print('Sorry, please check your balance')

    def transfer(self):
        receiver_name = str(input('Receiver name:'))
        self.receiver_name = receiver_name
        money = float(input('Transfer Amount:'))
        self.money = money
        if self.balance >= money:
            self.balance -= money
            print(f'You want to transfer money to {self.receiver_name} {self.mone
            print(f'New balance: {self.balance}')
        else:
            print('Your balance is not enough, Please check your balance')

    def change_name(self):
        new_name = str(input('New name:'))
        self.name = new_name
        print(f'Your new name: {self.name}')
        print('Your account name has been changed.')

    def change_password(self):
        new_password = int(input('New password:'))
        self.password = new_password
        print('Your password has been changed.')

    def log_in(self, name, password):
        if self.name == name and self.password == password:
```

```python
            print('Login successfully')
            print(f'Hello! {self.name}')
            print('What would you like to do?\n 1. Check balance\n 2. Deposit\n 3
            service = int(input('Please fill number of service:'))
            if service == 1:
                bank.check_balance()
            elif service == 2:
                bank.deposite()
            elif service == 3:
                bank.withdraw()
            elif service == 4:
                bank.transfer()
            elif service == 5:
                bank.change_name()
            elif service == 6:
                bank.change_password()

        else:
            print('Your information could not be found. Pleaase try again')
```

```python
bank = ATM('gam', 1234, 5620)
```

```python
bank.log_in('gam', 1234)
```

```
Login successfully
Hello! gam
What would you like to do?
 1. Check balance
 2. Deposit
 3. Withdraw
 4. Transfer
 5. Change account name
 6. Change password
Please fill number of service: 2
Deposit Amount: 230.50
Balance: 5850.5 THB.
Deposit successfully.
```

```
bank.deposite()
```

```
Deposit Amount: 525
Balance: 6375.5 THB.
Deposit successfully.
```

```
bank.withdraw()
```

```
Withdraw Amount: 303.50
Balance: 6072.0 THB.
Withdraw successfully.
```

```
bank.transfer()
```

```
Receiver name: Fong
Transfer Amount: 2500
You want to transfer money to Fong 2500.0 THB.
New balance: 3572.0
```

```
bank.change_name()
```

```
New name: gamkikkak
Your new name: gamkikkak
Your account name has been changed.
```

```
bank.change_password()
```

```
New password: 6666
Your password has been changed.
```

```python
bank.log_in('gamkikkak', 6666)
```

```
Login successfully
Hello! gamkikkak
What would you like to do?
 1. Check balance
 2. Deposit
 3. Withdraw
 4. Transfer
 5. Change account name
 6. Change password
Please fill number of service: 1
Account: gamkikkak
Balance: 3572.0 THB.
```