

```

class BankAccount:

    def __init__(self,
account_number,
account_holder_name,
initial_balance=0.0):
        self.__account_number =
account_number
        self.__account_holder_name =
account_holder_name
        self.__account_balance =
initial_balance

    def deposit(self, amount):
        if amount > 0:
            self.__account_balance +=
amount
            print("Deposit ₹{}. New
balance: {}".format(amount,
self.__account_balance))

        else:
            print("Invalid deposit
amount")

    def withdraw(self, amount):
        if amount > 0 and amount <=
self.__account_balance:
            self.__account_balance -=
amount
            print("Withdraw ₹{}. New
balance: {}".format(amount,
self.__account_balance))

        else:
            print("Invalid withdraw
amount")

    def display_balance(self):
        print("Account balance for {}
(Account #{}): ₹{}".format(
            self.__account_holder_name,
self.__account_number,
            self.__account_balance))

account =
BankAccount(account_number="4788234"
,
account_holder_name="MANIKANDAN",
initial_balance=5000.0)

account.display_balance( )
account.deposit(500)
account.withdraw(300)
account.display_balance( )

```

