

```
class bank_account:

    def __init__(self,account_number,

                    account_holder_name,account_balance=0.0):

        self.__account_number=account_number

        self.__account_holder_name=account_holder_name

        self.__account_balance=account_balance


    def deposit_money(self,amount):

        if amount > 0:

            self.__account_balance += amount

            print("Deposited:₹{} ;balance:₹{}".format(amount,

                                                        self.__account_balance))

        else:
```



```
print("Invalid deposit money")
```

```
def withdraw_money(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 withdrawal money")
```

```
def display_balance(self):
```

```
    print("Account balance for {} (account no. {}) is ₹
```

```
{} ".format(self.__account_holder_name,
```

```
            self.__account_number, self.__account_balance))
```

```
account=bank_account(account_holder_name="shaf",
```

```
    account_number="123456",
```

```
    account_balance=5000.0)
```

```
account.display_balance()
```

```
account.deposit_money(500.0)
```

```
account.withdraw_money(2000.0)
```

```
account.display_balance()
```

