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("deposited ₹{}. 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 withdrawal amount or insufficient balance.")

def display\_balance(self):

print("Account balance for {} (account #{}): ₹{}".format(self.\_\_account\_holder\_name,self.\_\_account\_number,self.\_\_account\_balance))

account = BankAccount(account\_number="123456789",account\_holder\_name="Hari prabu",initial\_balance=5000.0)

account.display\_balance()

account.deposit(500.0)

account.withdraw(200.0)

account.display\_balance()