```
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
      # self._account_balance =
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
      # self._account_balance =
self._account_balance - amount
```

```
        print("Withdrew ₹{}. 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))
# Create an instance of the BankAccount
class
account = BankAccount(account_numbe
r="123456789",
                      account_holder_name="Hari
Prabu",
                      initial_balance=5000.0)
# Test deposit and withdrawal
functionality
account.display_balance()
account.deposit(500.0)
account.withdraw(200.0)
account.withdraw(20000.0)
account.display_balance()
```