```
class BankAccount:

 def _init_(self, account_number,
account_holder_name,
initial_balance=0.0):

self.__account_number=account_num
ber

self.__account_holder_name=account
_holder_name

self.__account_balance=initial_balanc
e

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

self.__account_balance))


  else:
    print("Invalid deposit amount .
please deposit a positive 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_bal
ance))


   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_num
ber="753124689",

account_holder_name="Divya" ,
                initial_balance=10000.0)


account.display_balance()
account.deposit(1000.0)
account.withdraw(100.0)
account.display_balance()
```

2:09 pm