```
"""Implement a class called BankAccount that represents a bank account. The class should have private attributes for account number, account holder name, and account balance. Include methods to deposit money, withdraw money, and display the account balance. E

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=slef.__account+balance
      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("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))

#creat an instance of the BankAccount class
account=BankAccount(account_holder_name="HariPrabhu",account_number="958625057",initial_balance=5000.00)
#Test deposit and withdrawal functionality
account.display_balance()
account.deposit(500.0)
account.withdraw(200.0)
account.withdraw(20000.0)
account.display_balance()
```