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. Ensure that the account balance cannot be accessed directly from outside the class. Write a program to create an instance of the BankAccount class and test the deposit and withdrawal functionality.

Class BankAccount:

  Def __init__(self, account_number, account_holder_name, initial_balance):

    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

      Return f"Deposited ${amount}. New balance: ${self.__account_balance}"

    Else:

      Return "Invalid deposit amount. Please enter a positive value."

  Def withdraw(self, amount):

    If 0 < amount <= self.__account_balance:

      Self.__account_balance -= amount

      Return f"Withdrew ${amount}. New balance: ${self.__account_balance}"

    Else:

      Return "Insufficient funds or invalid withdrawal amount."

  Def display_balance(self):

    Return f"Account Balance for {self.__account_holder_name}: ${self.__account_balance}"

Create an instance of the BankAccount class

```
My_account = BankAccount("123456789", "John Doe", 1000)


# Test deposit and withdrawal functionality

Print(my_account.deposit(500))

Print(my_account.withdraw(200))

Print(my_account.display_balance())
```