```python
class BankAccount:

    def __init__(self, account_number, account_holder_name, initial_balance=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(f"Deposited ${amount}. New balance: ${self._account_balance}")

        else:

            print("Invalid deposit amount. Please enter a positive value.")


    def withdraw(self, amount):

        if amount > 0 and amount <= self._account_balance:

            self._account_balance -= amount

            print(f"Withdrew ${amount}. New balance: ${self._account_balance}")

        elif amount <= 0:

            print("Invalid withdrawal amount. Please enter a positive value.")

        else:

            print("Insufficient funds for withdrawal.")


    def display_balance(self):

        print(f"Account Balance for {self._account_holder_name}:
${self._account_balance}")



# Create an instance of BankAccount

account = BankAccount("12345", "John Doe", 1000)
```

```
# Test deposit and withdrawal
account.display_balance()
account.deposit(500)
account.withdraw(200)
```

- account.display_balance()