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

return True

else:

return False

def withdraw(self, amount):

if amount > 0 and amount <= self.\_\_account\_balance:

self.\_\_account\_balance -= amount

return True

else:

return False

def display\_balance(self):

return f"Account Balance for {self.\_\_account\_holder\_name} ({self.\_\_account\_number}): ${self.\_\_account\_balance:.2f}"

# Create an instance of the BankAccount class

account = BankAccount("1234567890", "John Doe", 1000.00)

# Test deposit and withdrawal functionality

print(account.display\_balance()) # Should display the initial balance of $1000.00

if account.deposit(500.50):

print("Deposit successful.")

else:

print("Invalid deposit amount.")

if account.withdraw(300.25):

print("Withdrawal successful.")

else:

print("Insufficient funds or invalid withdrawal amount.")

print(account.display\_balance()) # Should display the updated balance after deposit and withdrawal