```
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
             print(f"Deposited ₹{amount}. New balance: ₹{self.__account_balance}")
        else:
            print("Invalid deposit amount. Amount must be greater than 0.")

    def withdraw(self, amount):
        if 0 < amount <= self.__account_balance:
            self.__account_balance -= amount
            print(f"Withdrew ₹{amount}. New balance: ₹{self.__account_balance}")
        else:
            print("Insufficient funds or invalid withdrawal amount.")

    def display_balance(self):
        print(f"Account Balance for {self.__account_holder_name}: ₹{self.__account_balance}")


# Test the BankAccount class
if __name__ == "__main__":
    account1 = BankAccount("12345", "John Doe", 1000.0)

    account1.display_balance()
    account1.deposit(500.0)
    account1.withdraw(200.0)
    account1.display_balance()
```