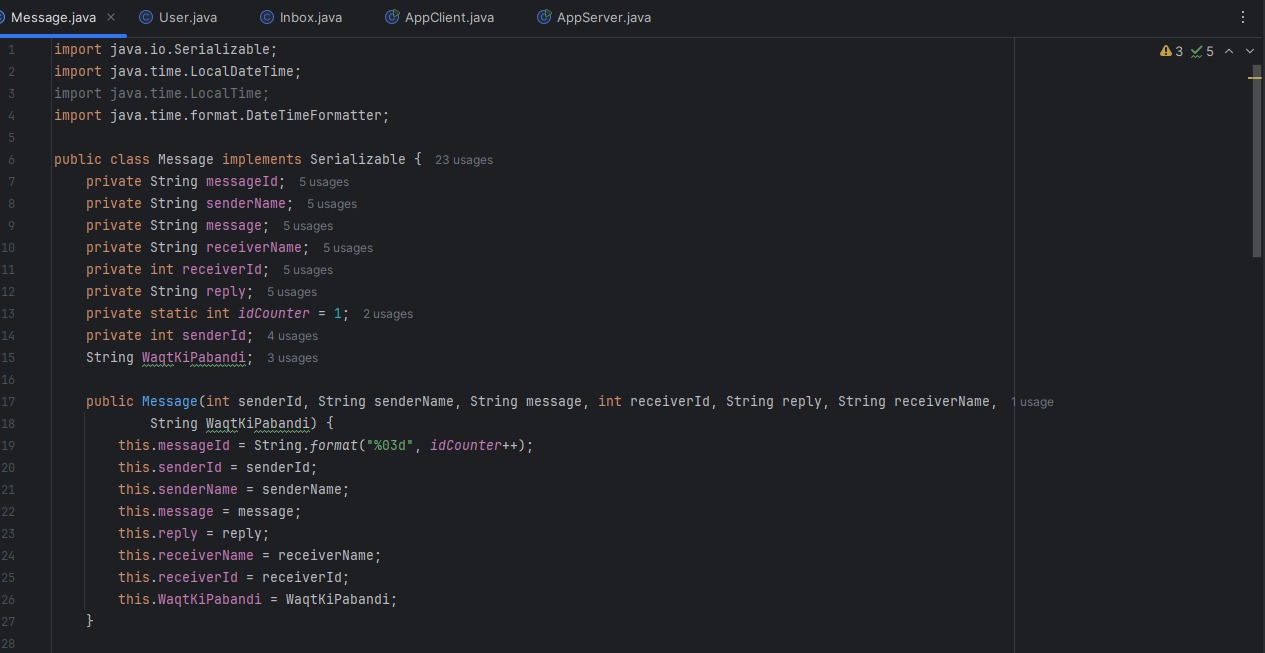
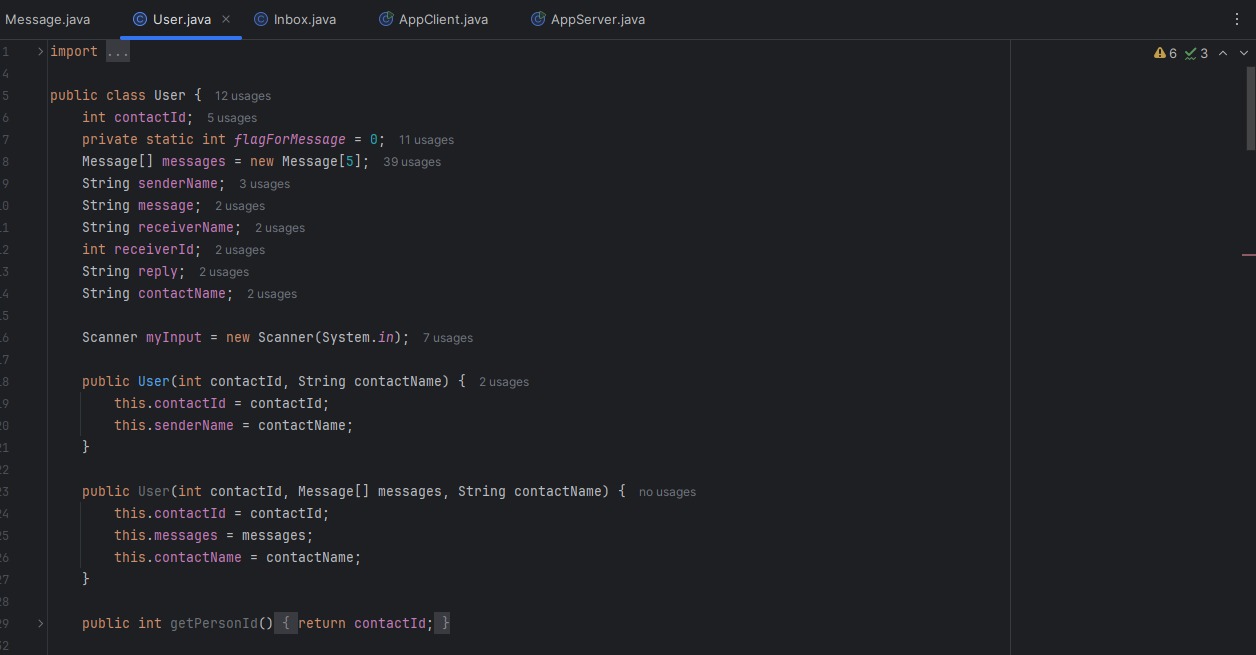
**Documentation of Socket Program**

**Classes:**

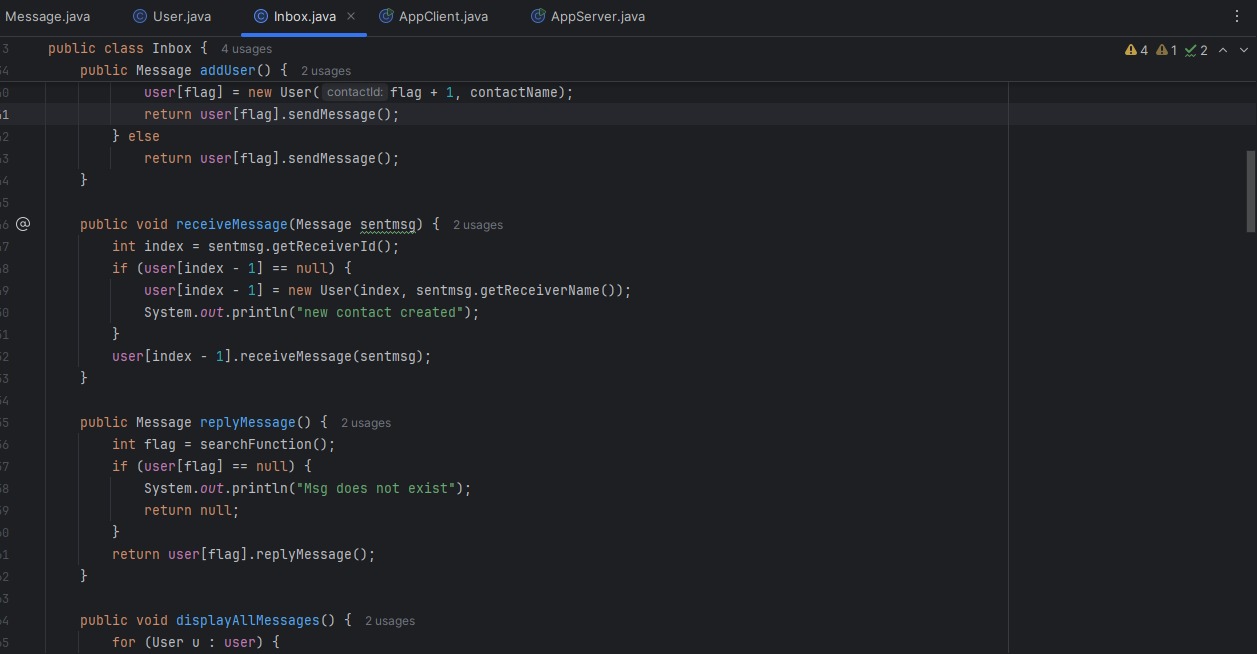
**Message class**



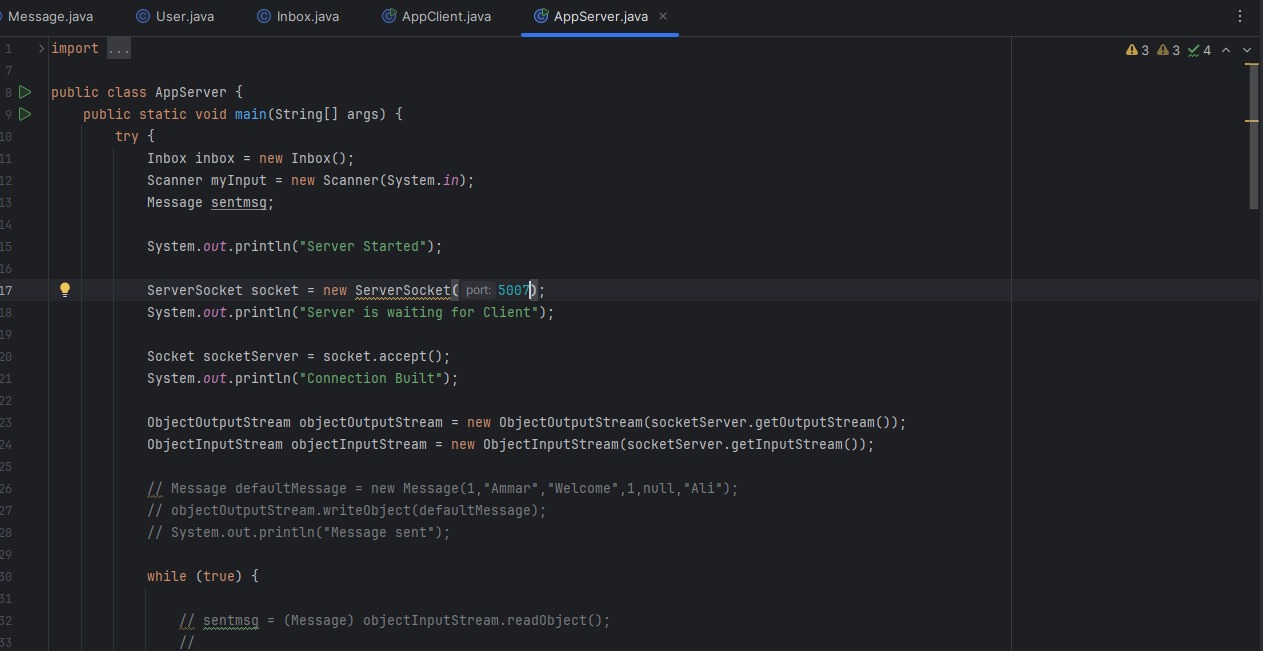
**User Class**

****

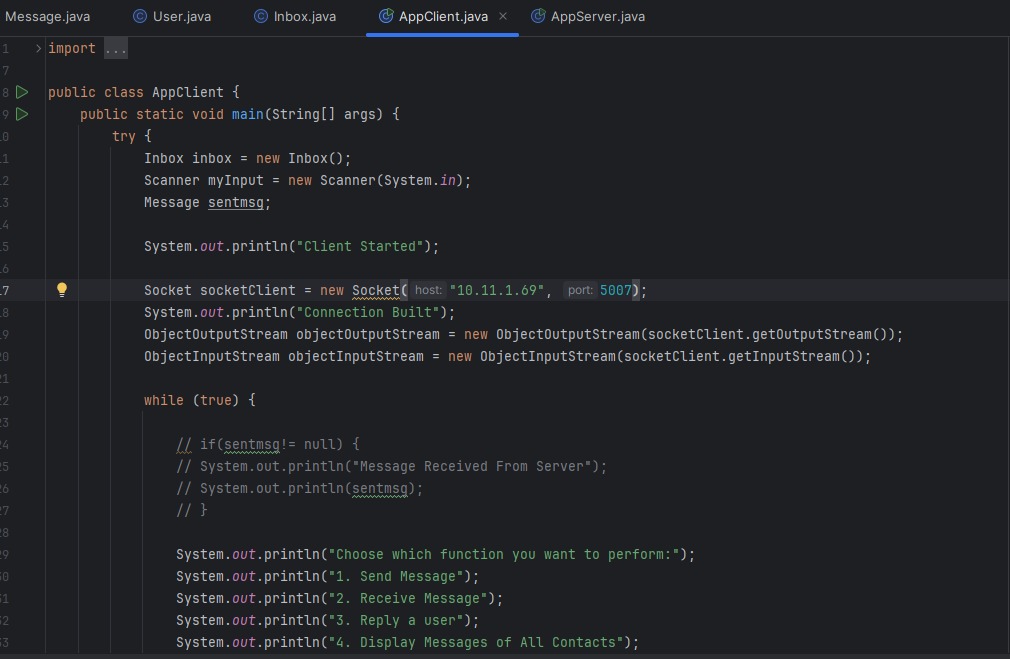
**Inbox class**

****

**AppServer Class**

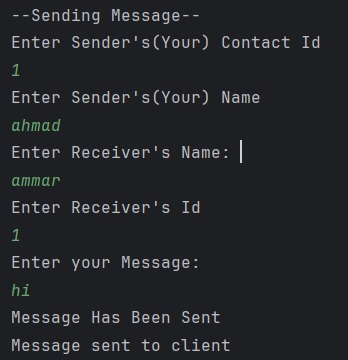
****

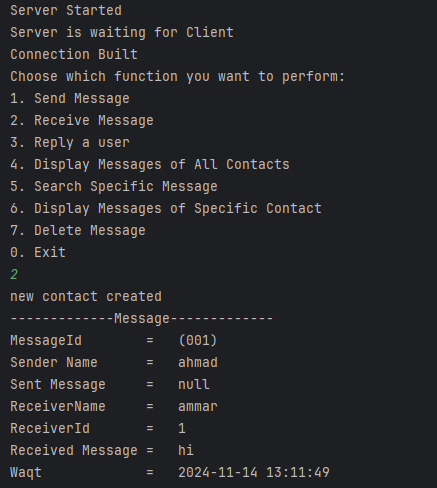
**AppClient Class**

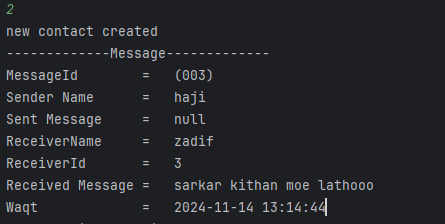
****

**Functions:**

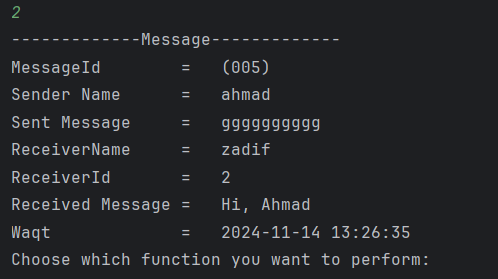
1. **Send Message**

****

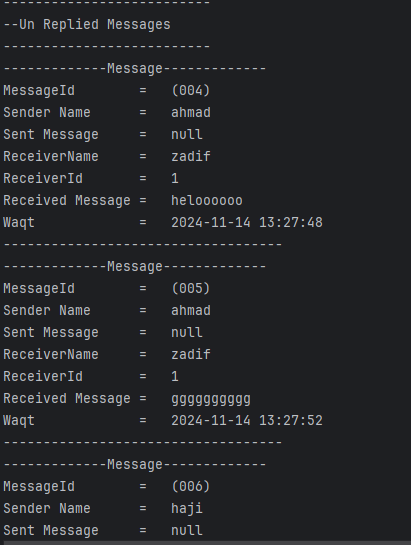
1. **Receive Messages:**



1. **Reply Message:**

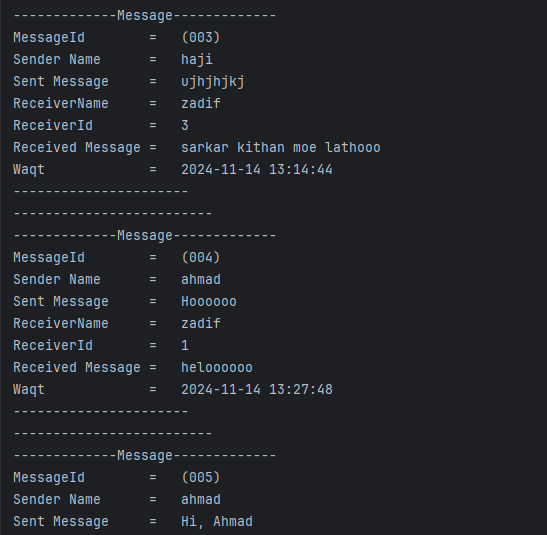
****

1. **Display Un- Replied Messages**

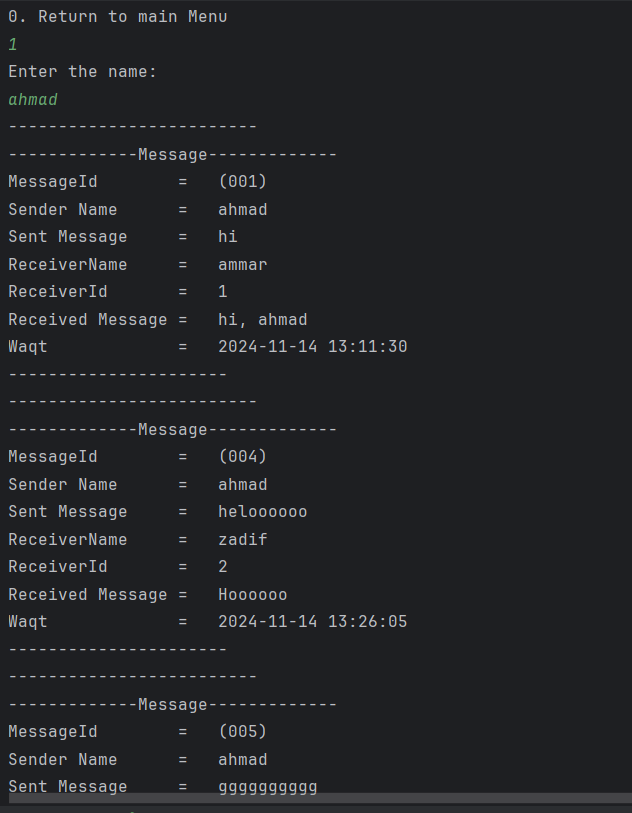


1. **Display All Messages**

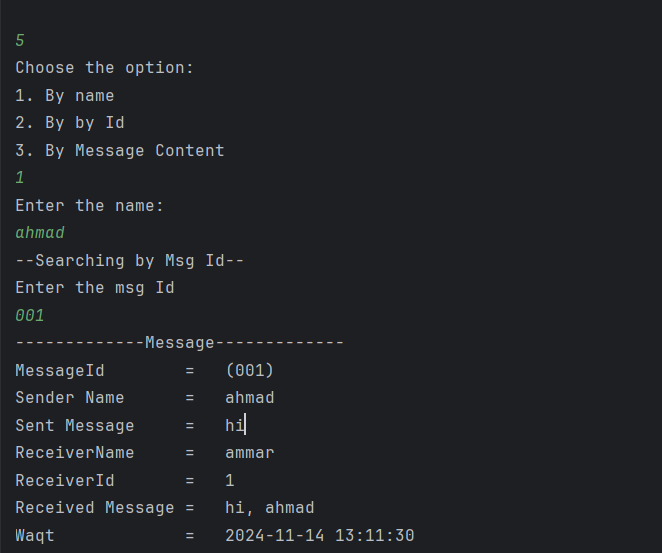
****

****

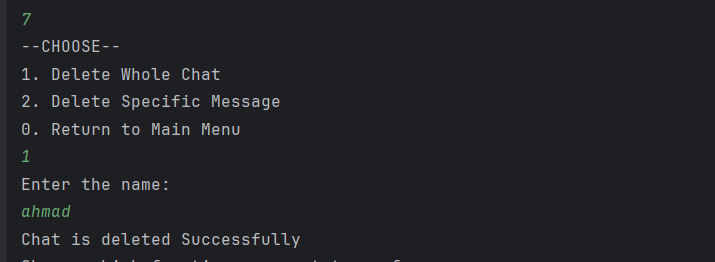
1. **Display Messages of Specific Contact:**

****

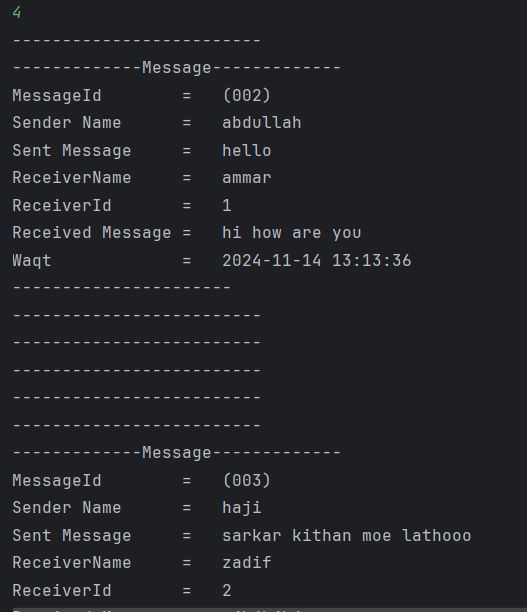
1. **Search Specific Message**

****

1. **Delete Message:**

****

**Display After Chat Deletion:**

****