

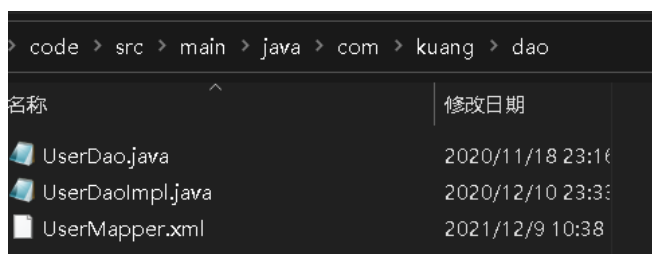
UDP编程简介

环境

- 编译器: IDEA 2021.02 语言: java 数据库: MYSQL 8.0.25+ Navicat P15

项目文件

- src 客户端和服务端的代码
- pom.xml Maven 项目配置
- 数据库相关文件



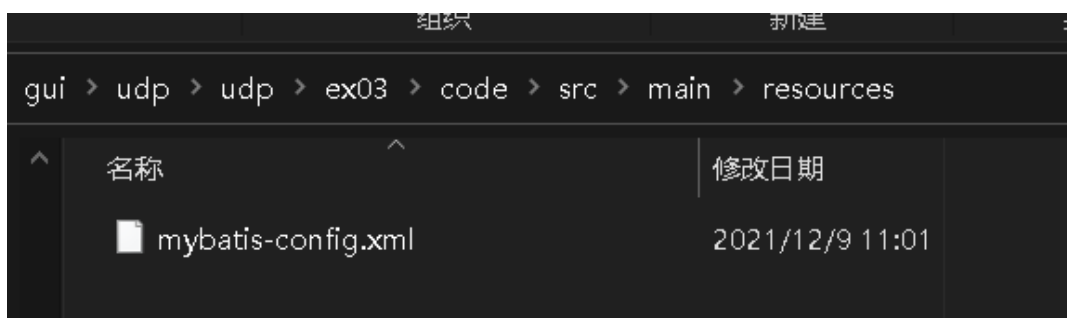
| code > src > main > java > com > kuang > dao | |
|--|------------------|
| 名称 | 修改日期 |
| UserDao.java | 2020/11/18 23:16 |
| UserDaoImpl.java | 2020/12/10 23:33 |
| UserMapper.xml | 2021/12/9 10:38 |

- 聊天

- « gui > udp > udp > ex03 > code > src > main > java > chat

| 名称 | 修改日期 |
|------------------|------------------|
| choosefile.java | 2020/12/8 23:06 |
| clientgui.java | 2021/12/9 18:49 |
| flideveryty.java | 2020/12/29 17:42 |
| servergui.java | 2021/12/9 18:49 |

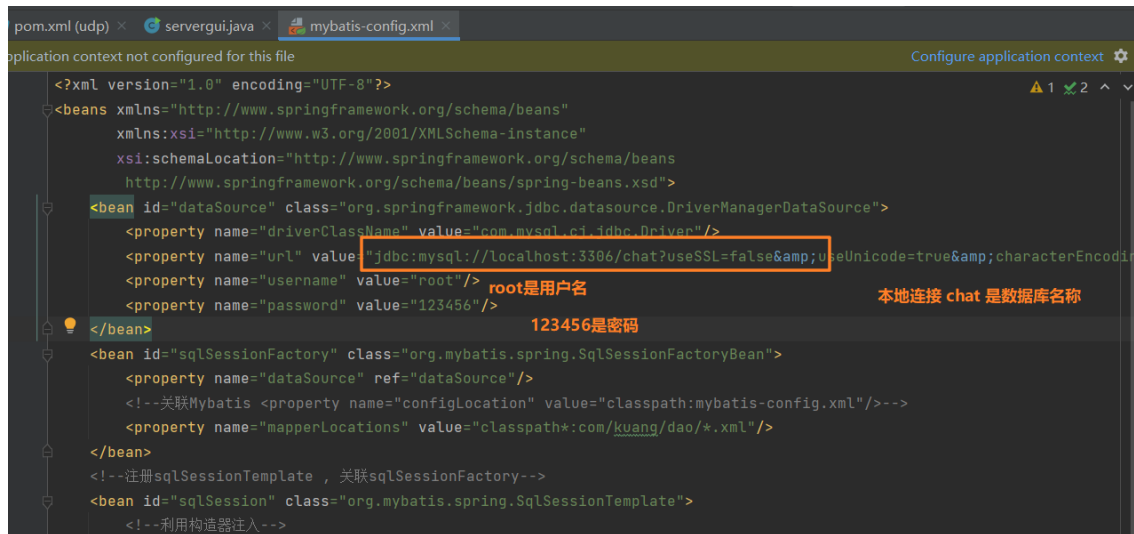
- clientgui 客户端主类
- servergui 服务端主类
- 连接到本地数据库的配置文件



| gui > udp > udp > ex03 > code > src > main > resources | |
|--|-----------------|
| 名称 | 修改日期 |
| mybatis-config.xml | 2021/12/9 11:01 |

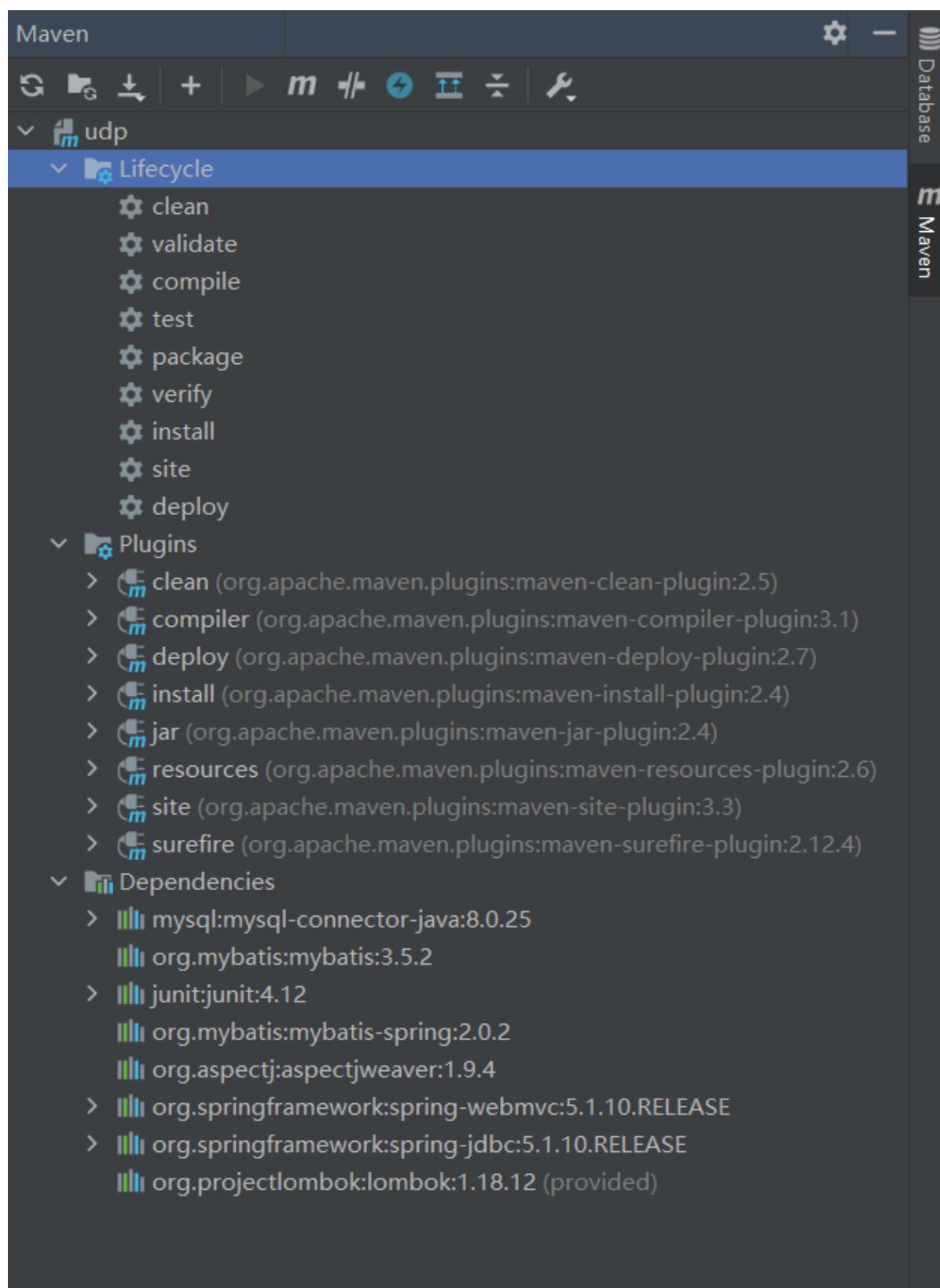
运行：

- 直接导入需要配置Maven环境和使用 配置Tomat 才能运行；
- 新建一个空白的Maven文件，将相关文件复制到对应的目录下，然后修改全局配置文件pom.xml和 数据库配置文件 mybatis-config.xml 中的相关信息：

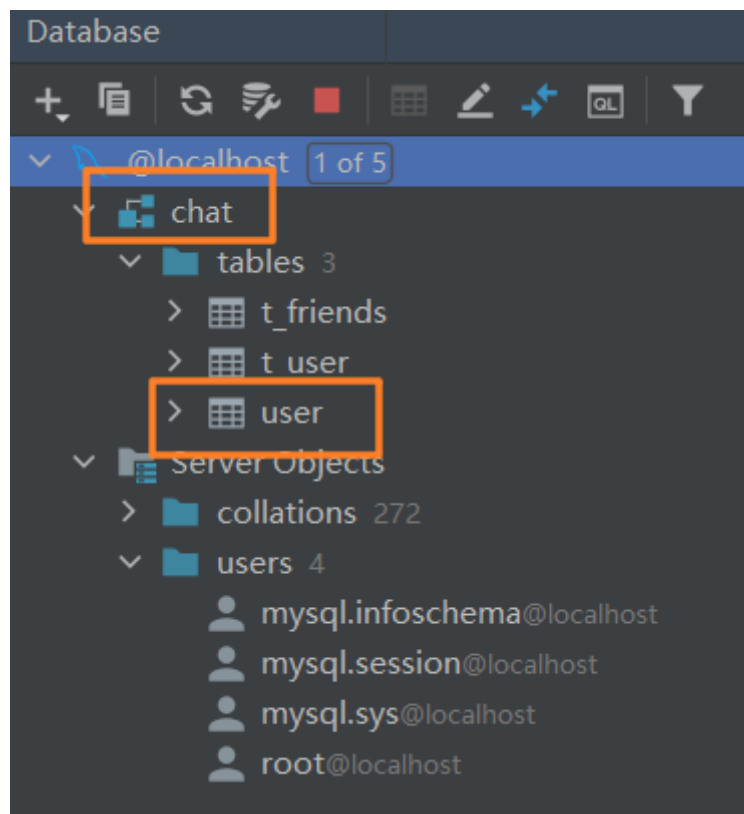


```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd">
    <bean id="dataSource" class="org.springframework.jdbc.datasource.DriverManagerDataSource">
        <property name="driverClassName" value="com.mysql.cj.jdbc.Driver"/>
        <property name="url" value="jdbc:mysql://localhost:3306/chat?useSSL=false&useUnicode=true&characterEncoding=utf8"/>
        <property name="username" value="root"/>
        <property name="password" value="123456"/>
    </bean>
    <bean id="sqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
        <property name="dataSource" ref="dataSource"/>
        <!--关联Mybatis <property name="configLocation" value="classpath:mybatis-config.xml"/>-->
        <property name="mapperLocations" value="classpath*:com/kuang/dao/*.xml"/>
    </bean>
    <!--注册sqlSessionTemplate , 关联sqlSessionFactory-->
    <bean id="sqlSession" class="org.mybatis.spring.SqlSessionTemplate">
        <!--利用构造器注入-->
    </bean>
</beans>
```

依赖：



数据库



运行结果：

UDP

文件列表

客户端

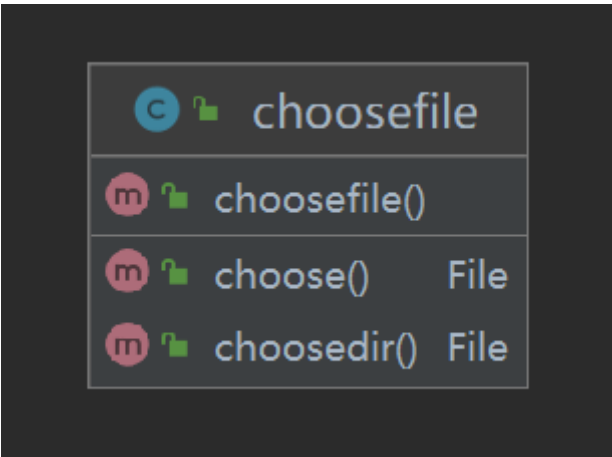
| clientgui | | |
|-----------|---|------|
| m | clientgui() | |
| m | clientgui(DatagramSocket) | |
| m | clientgui(String, receive) | |
| m | clientgui(int) | |
| m | createuserlist(Message) | void |
| m | keyPressed(KeyEvent) | void |
| m | keyReleased(KeyEvent) | void |
| m | keyTyped(KeyEvent) | void |
| m | loginthing(String, String) | void |
| m | main(String[]) | void |
| m | putmap(String, JTextArea) | void |
| m | sendmessage(receive, JTextField, JTextArea, String) | void |

服务端

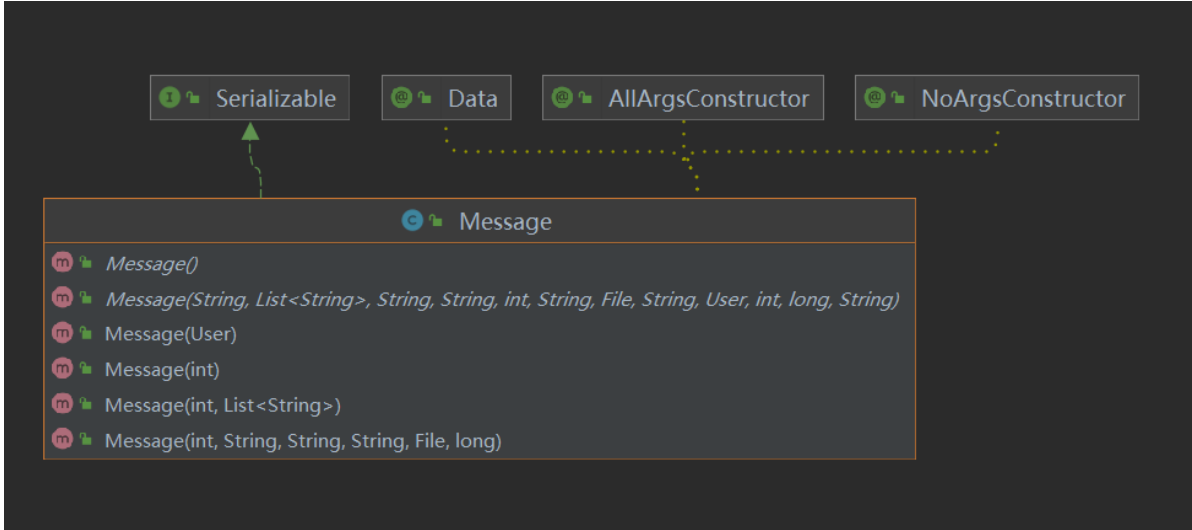
| servergui | | |
|-----------|--|------|
| m | servergui(UserDaoImpl, DatagramSocket, DatagramSocket) | |
| m | main(String[]) | void |
| m | run() | void |

| receive | | |
|---------|---|---------|
| m | receive(DatagramSocket, Message, int, InetAddress, int) | |
| m | re() | Message |
| m | run() | void |

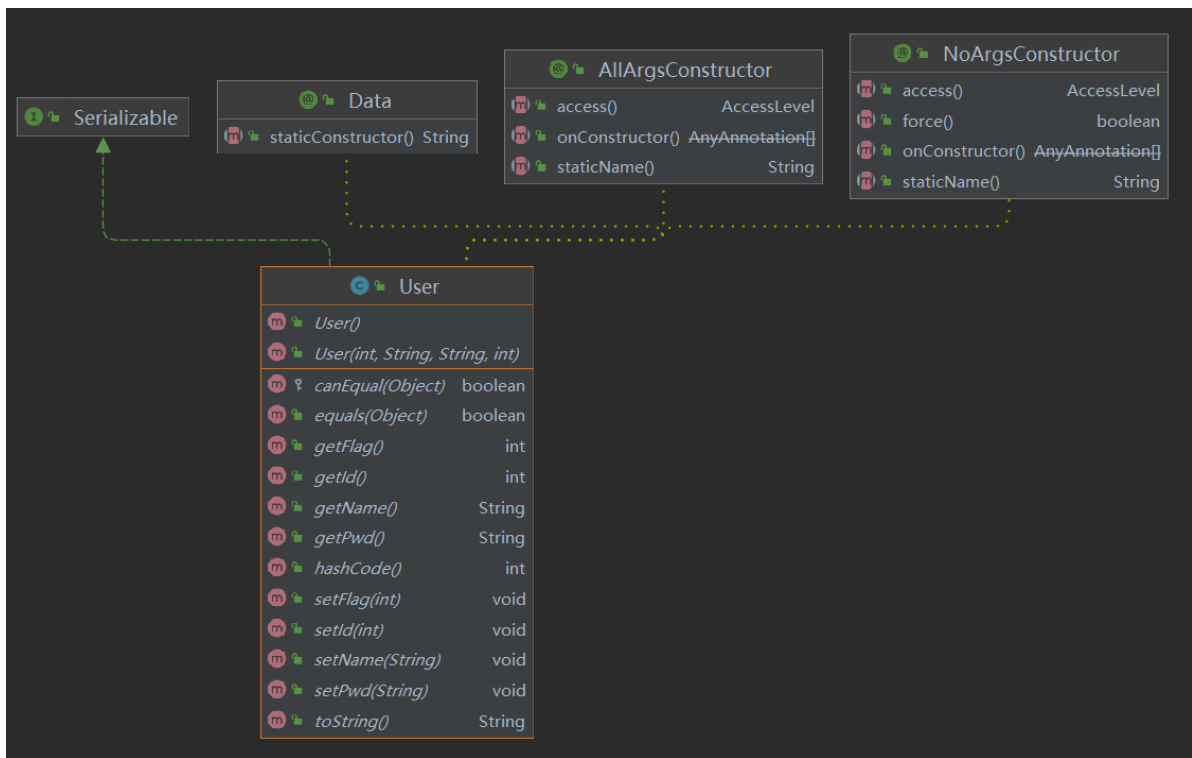
| fliedeverty | | |
|-------------|--|------|
| m | fliedeverty() | |
| m | receivefile(String, DatagramSocket, Message, long) | File |
| m | sentfile(File, DatagramSocket, int, InetAddress) | void |



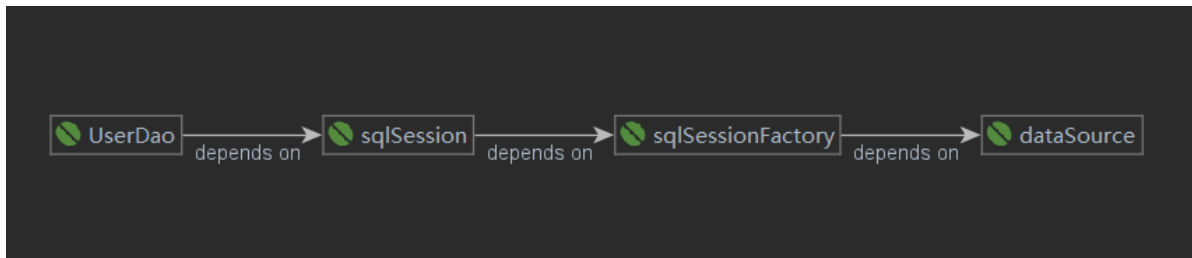
消息类



用户类



数据库

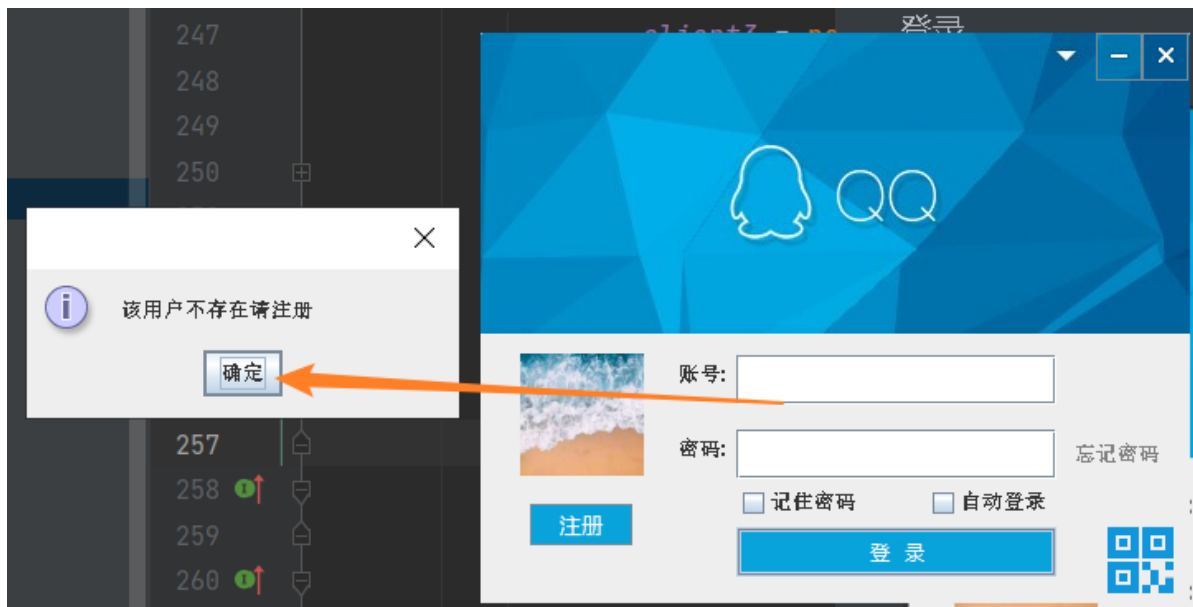


客户端

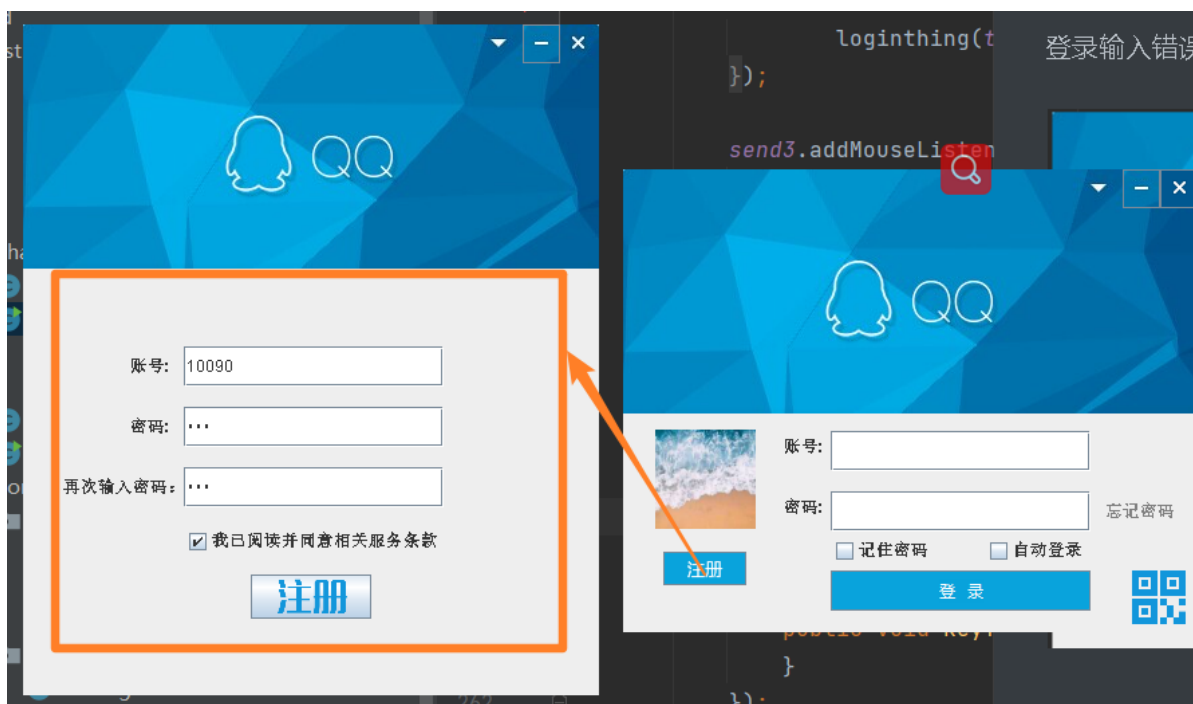
登录输入错误密码



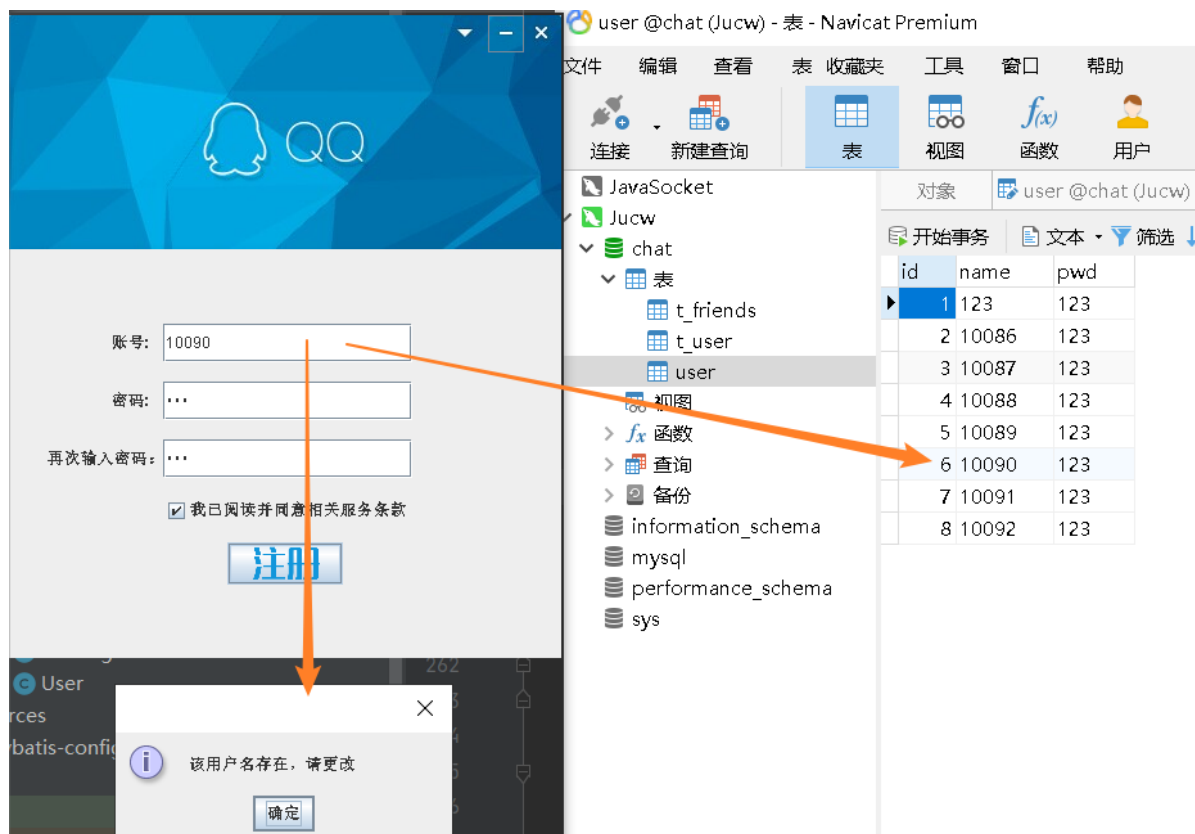
登录输入框没有输入内容



注册界面



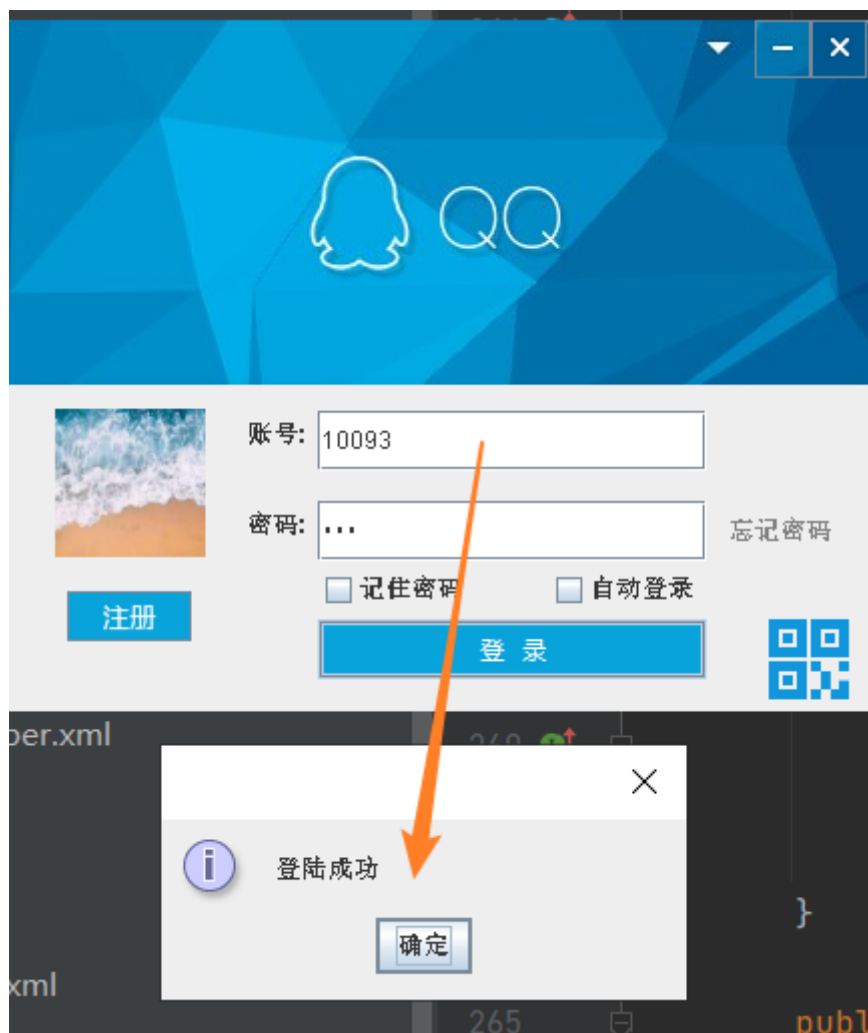
注册已注册用户



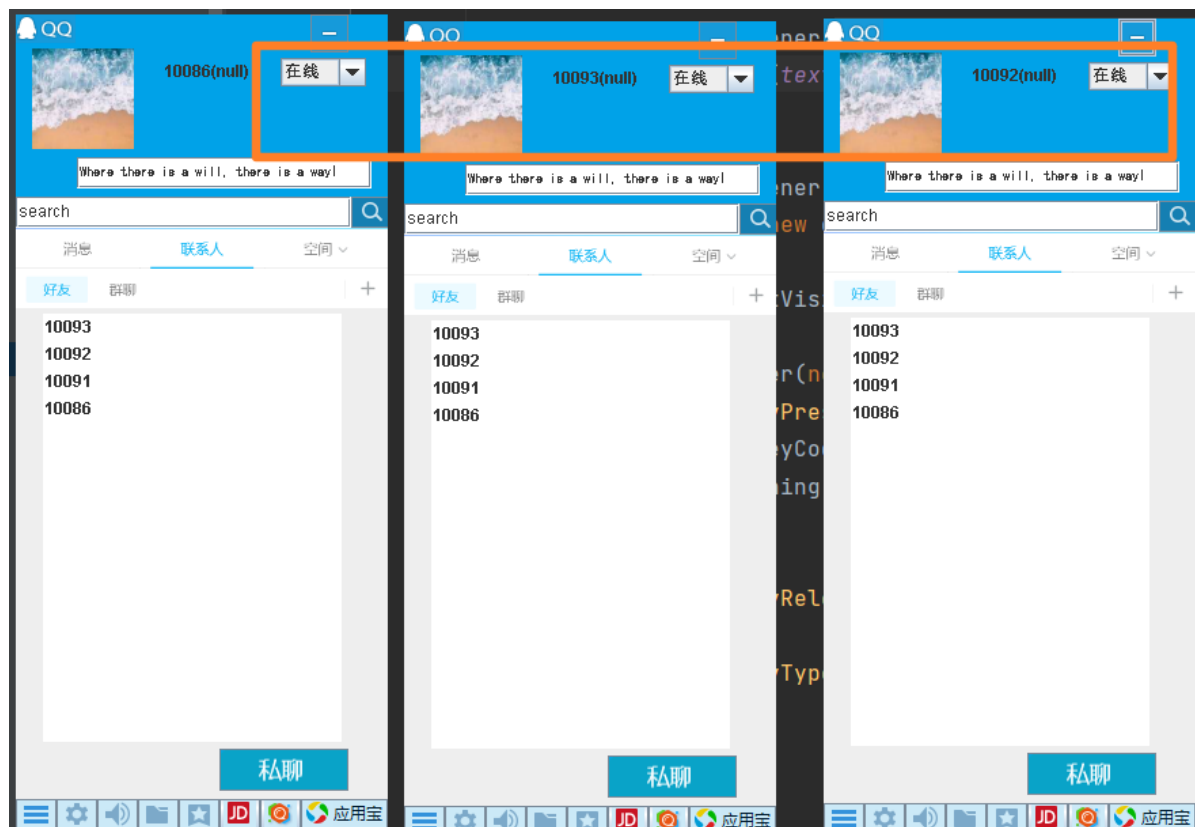
注册成功



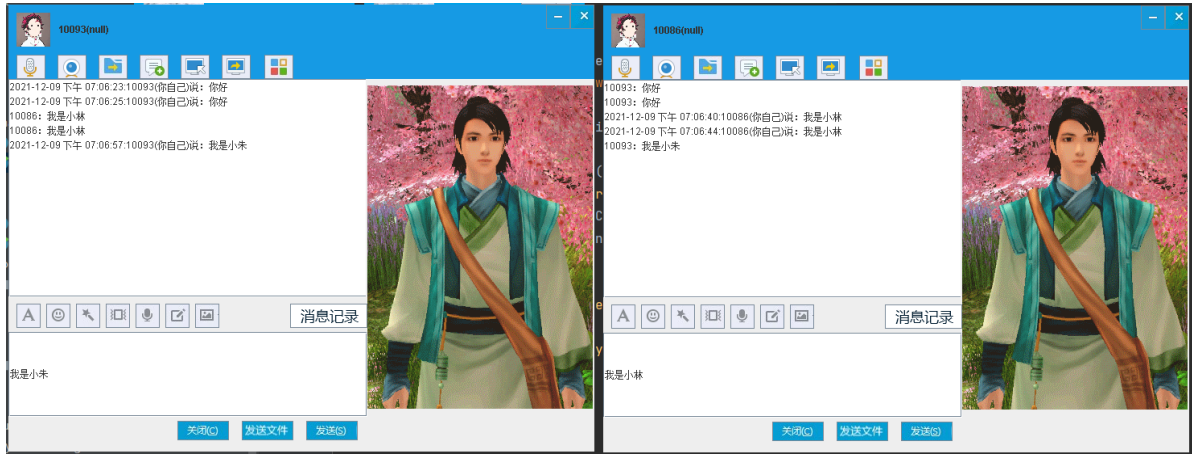
登录成功



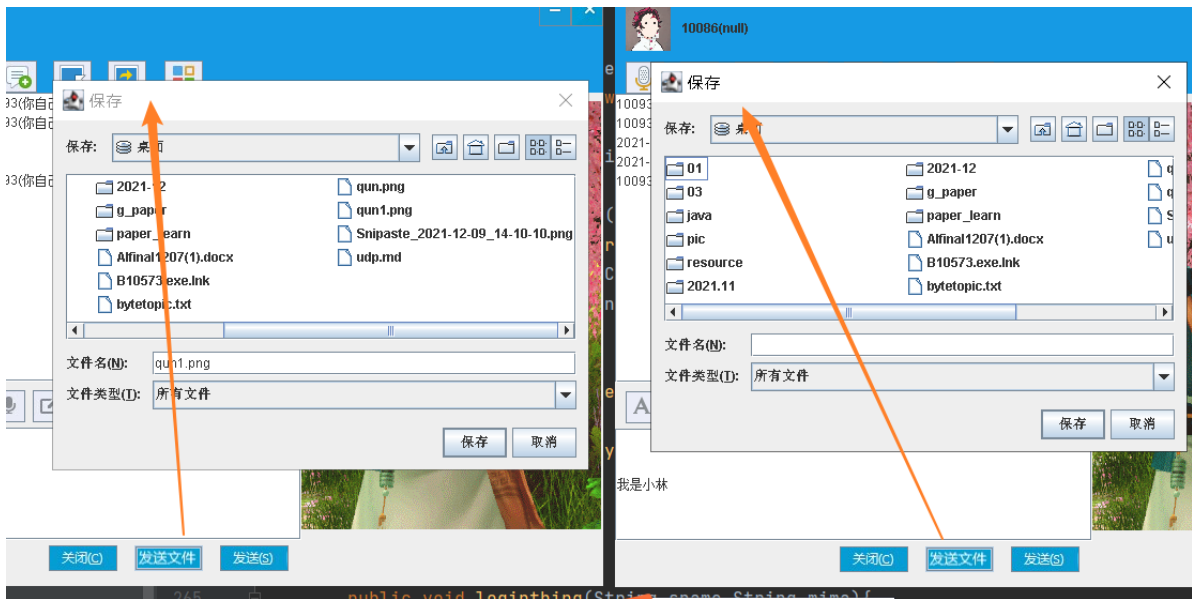
好友列表

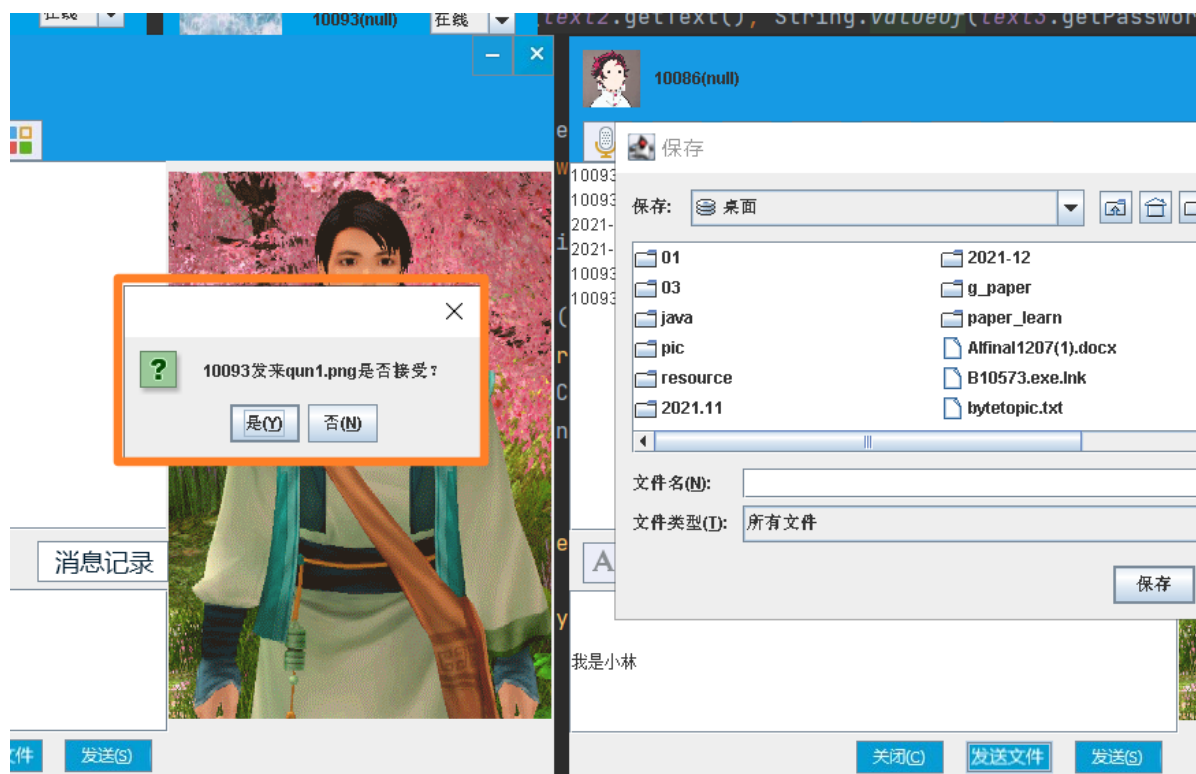


私聊

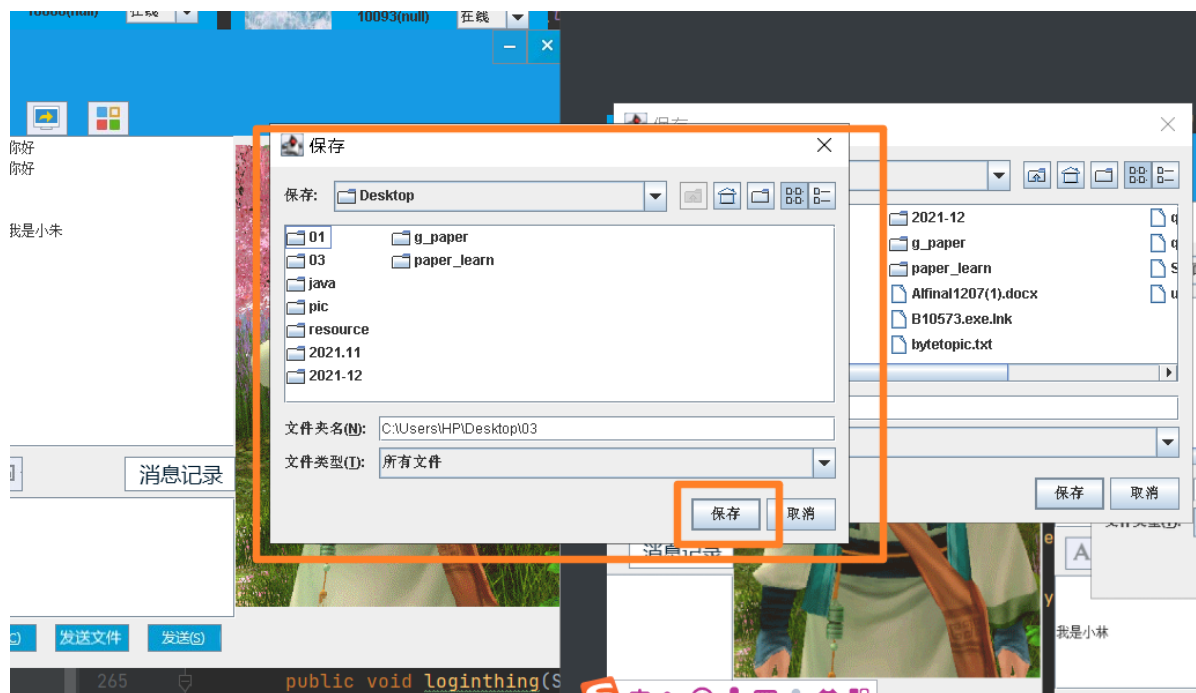


发送文件

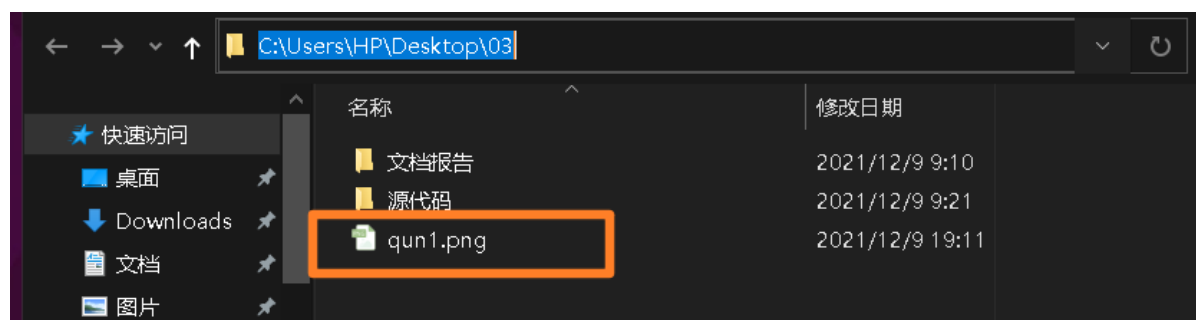




保存



保存到桌面



代码

git 提交代码到github的命令

```
1 git init
2 git add . # 将当前文件添加到 .git 文件中
3 git commit -m "first commit"
4 git branch -M main
5 git remote add origin https://github.com/jucway/java-UDP-.git
6 git push -u origin main
```