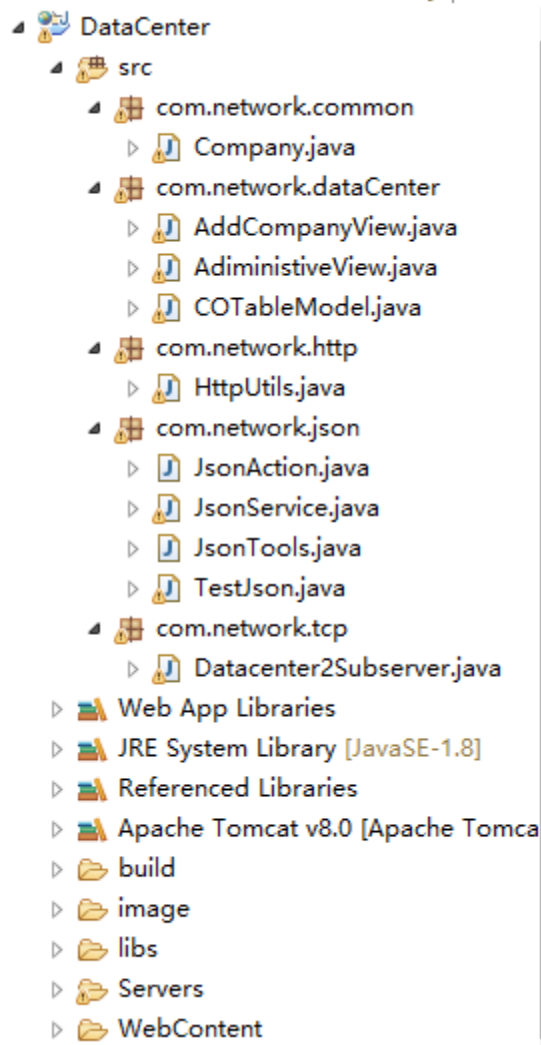# Recommend software: android studio, Sql server ,eclipse EE
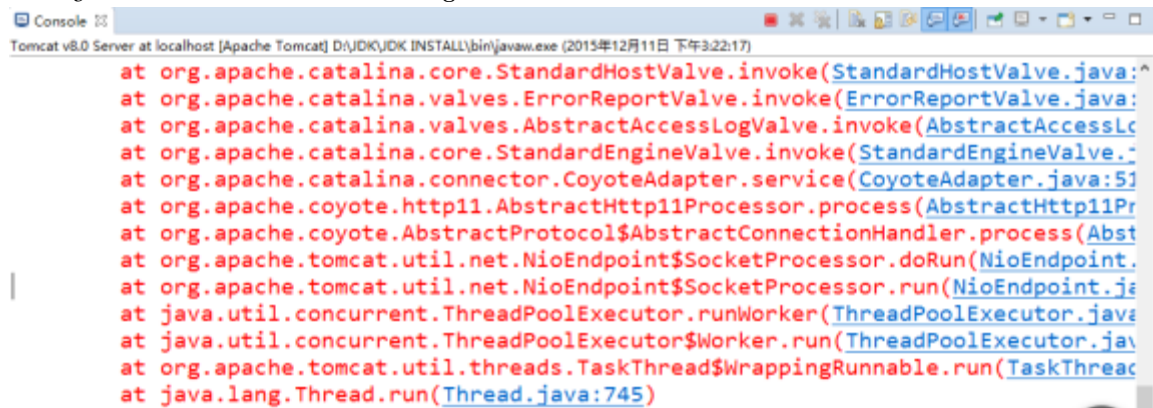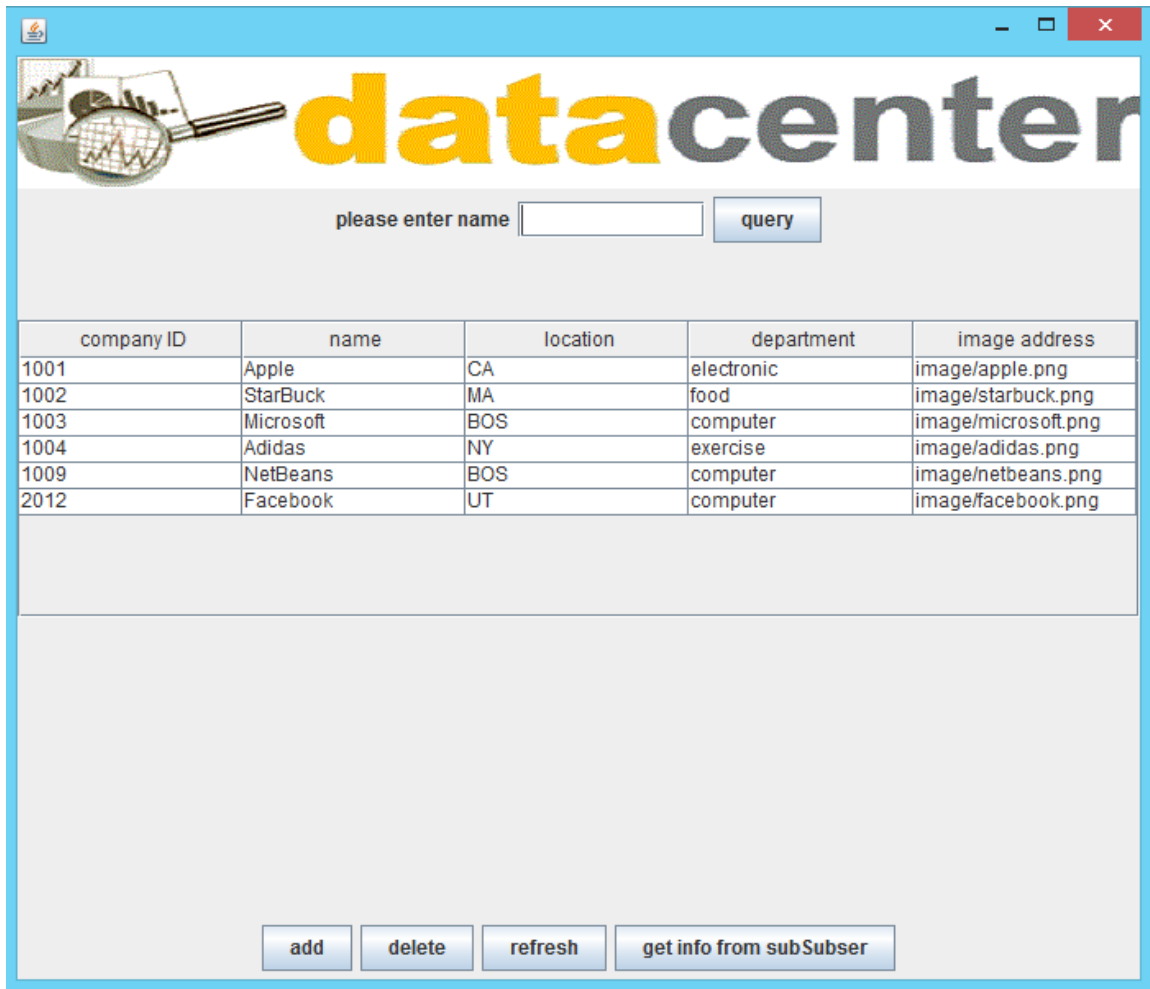
Import the Datacenter package into eclipse.

```
▲ 🔧 DataCenter
   ▲ 🗁 src
      ▲ 🔧 com.network.common
         ▷ 📄 Company.java
      ▲ 🔧 com.network.dataCenter
         ▷ 📄 AddCompanyView.java
         ▷ 📄 AdiministiveView.java
         ▷ 📄 COTableModel.java
      ▲ 🔧 com.network.http
         ▷ 📄 HttpUtils.java
      ▲ 🔧 com.network.json
         ▷ 📄 JsonAction.java
         ▷ 📄 JsonService.java
         ▷ 📄 JsonTools.java
         ▷ 📄 TestJson.java
      ▲ 🔧 com.network.tcp
         ▷ 📄 Datacenter2Subserver.java
   ▷ 📚 Web App Libraries
   ▷ 📚 JRE System Library [JavaSE-1.8]
   ▷ 📚 Referenced Libraries
   ▷ 📚 Apache Tomcat v8.0 [Apache Tomca
   ▷ 📂 build
   ▷ 📂 image
   ▷ 📂 libs
   ▷ 📂 Servers
   ▷ 📂 WebContent
```

Run JasonAction class through tomcat

Run AdministriveView class

company ID	name	location	department	image address
1001	Apple	CA	electronic	image/apple.png
1002	StarBuck	MA	food	image/starbuck.png
1003	Microsoft	BOS	computer	image/microsoft.png
1004	Adidas	NY	exercise	image/adidas.png
1009	NetBeans	BOS	computer	image/netbeans.png
2012	Facebook	UT	computer	image/facebook.png

Import the subserver package into eclipse.
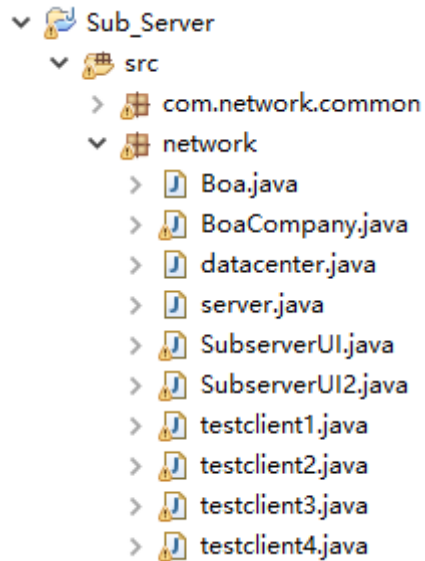
Run the server, then run the SubserverUI. If you want two server, you can run the SubserverUI2.
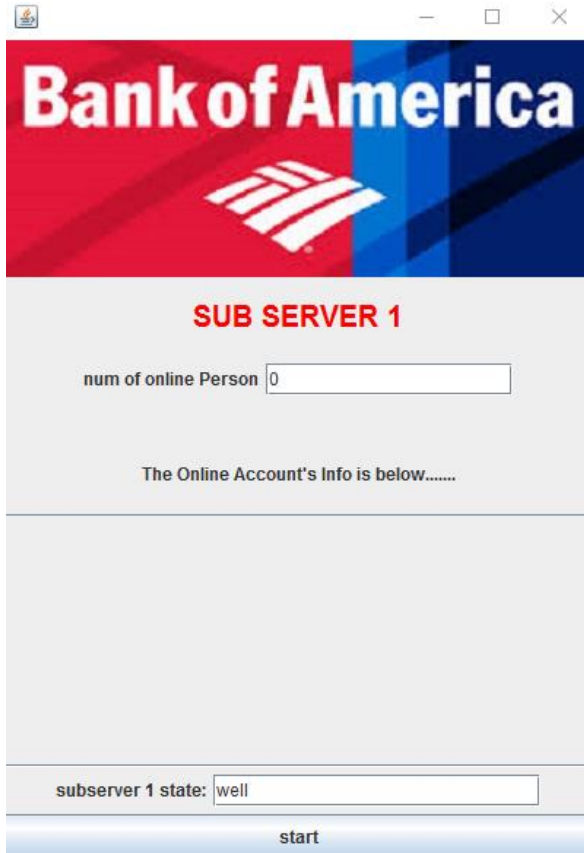
Then you can run the test client in any order, of cause you can input some message in the test client.when you input end, the client is closed. But every server is able to accommodate 3 server, if you want to run the client more than 3, you need to run 2 Subserver.

Notation: every function that we submit works in local except for the data center. If you want to run the code in different PC, you need to change the IP. The client connect to server1's IP is in the testclient line20 and the Subserver IP is in the testclient line37. The subserver connect to the server's IP is in the Boacompany line 50. And the server to datacenter's IP is in the Boa line 36.