A black and orange logo

Description automatically generated

Project Report

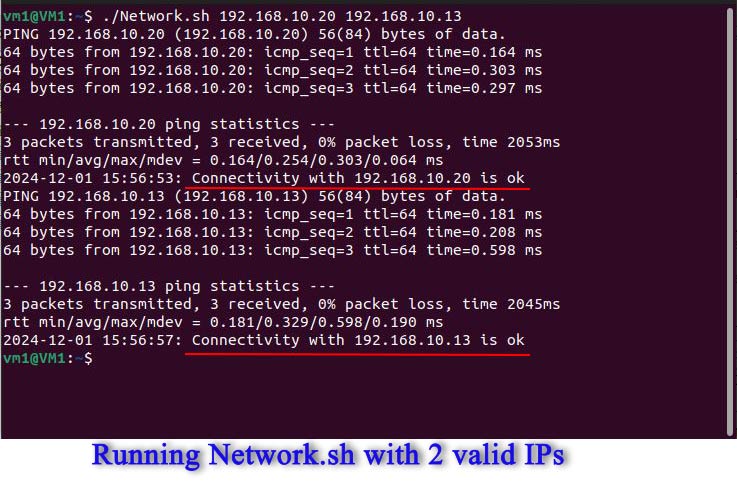
FALL 2024

CMPS405  
Phase 2

|  |  |  |
| --- | --- | --- |
| **student name** | **Student part in the Project** | **participation percentage** |
| Amer Alzawawi  2205054 | Client1.java  Revised client2.java | 25% |
| Ahmad Almashhadani  202203014 | Server.java  Revised all outputs | 25% |
| Abdallah Alkanani  202204061 | Client2.java  Revised client1.java edited scripts in phase 1 to be compatible with phase 2 | 25% |
| Ali Ghazi  202209865 | Server.java Revised all outputs | 25% |

***Shell Scripts Testing:***

Network.sh:



A computer screen with white text

Description automatically generatedA computer screen with white text

Description automatically generatedThe script requested password to restart the machine, but pressed crtl c to disable in this case to demonstrate.  
System.sh:

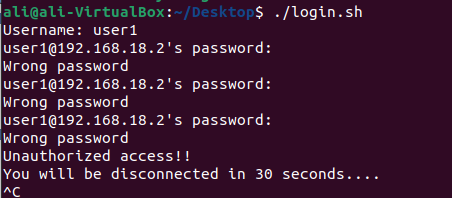
A screenshot of a computer

Description automatically generated

login.sh:  
 Entering a valid username and password:A screenshot of a computer

Description automatically generated

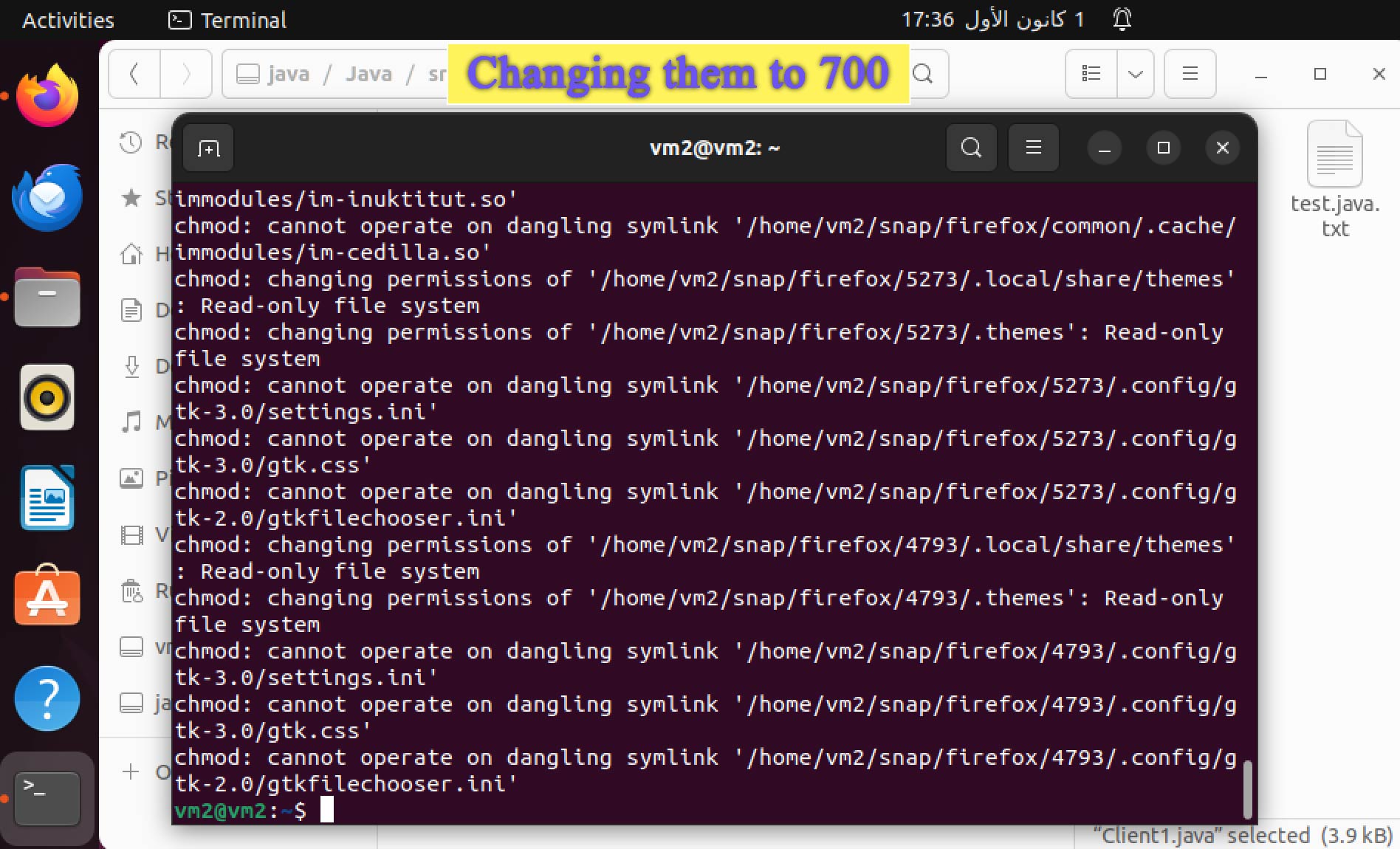
when entering invalid passwords



Check.sh:

A screenshot of a computer screen

Description automatically generated



Search.sh:

A black and purple rectangular object with white text

Description automatically generated

After running:  
 checking Qu mail inbox:

A screenshot of a computer

Description automatically generated

Clientinfo.sh:  
A screenshot of a computer

Description automatically generated

***Java Testing:***

**Server.java:**

Running Server.java and connecting client1.java and client2.java

A screenshot of a computer

Description automatically generated

Tested the connection with client1 and client2 with Network.sh

**Client1.java:**

Then entering a right username and password:  
A screenshot of a computer

Description automatically generated client1.java will run check.sh and print its output in java terminal:  
A screen shot of a computer

Description automatically generated

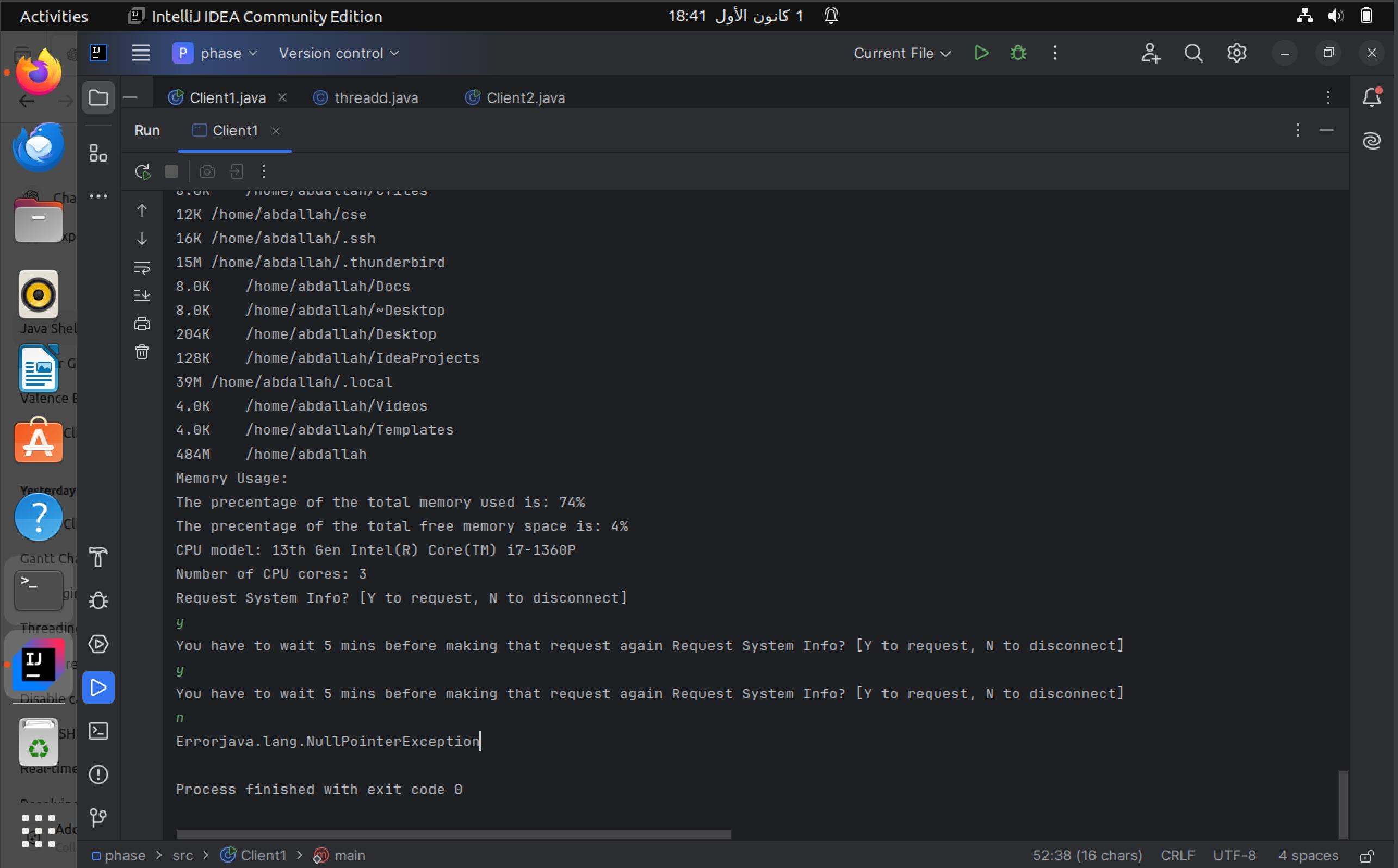
A screenshot of a computer

Description automatically generated

Finished check.sh  
A screenshot of a computer

Description automatically generated

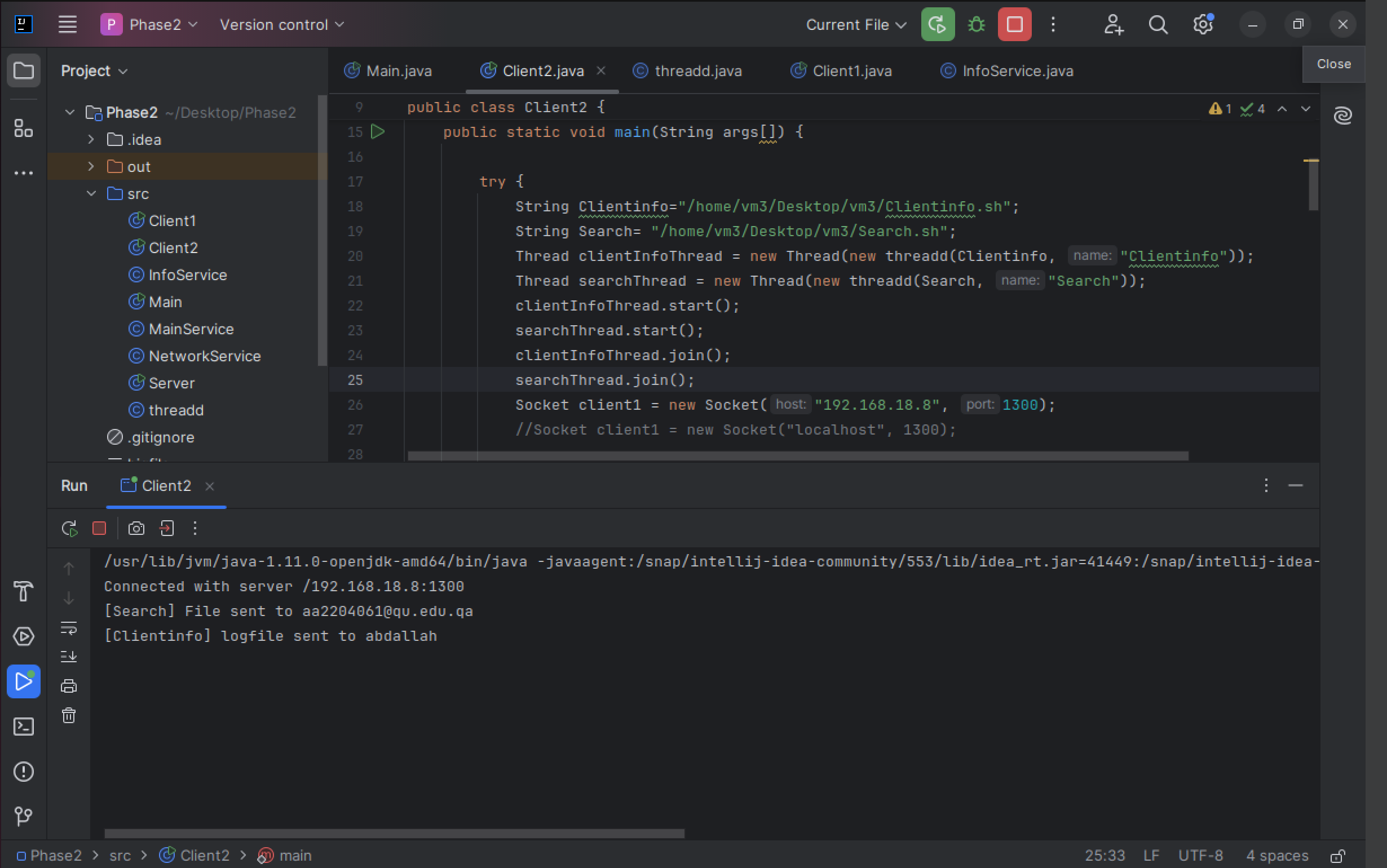
Client1 entered “y” to request System information and then entered sftp password, and the received file got displayed in the terminal.



Requesting again after the first one -> rejected and have to wait 5 minutes

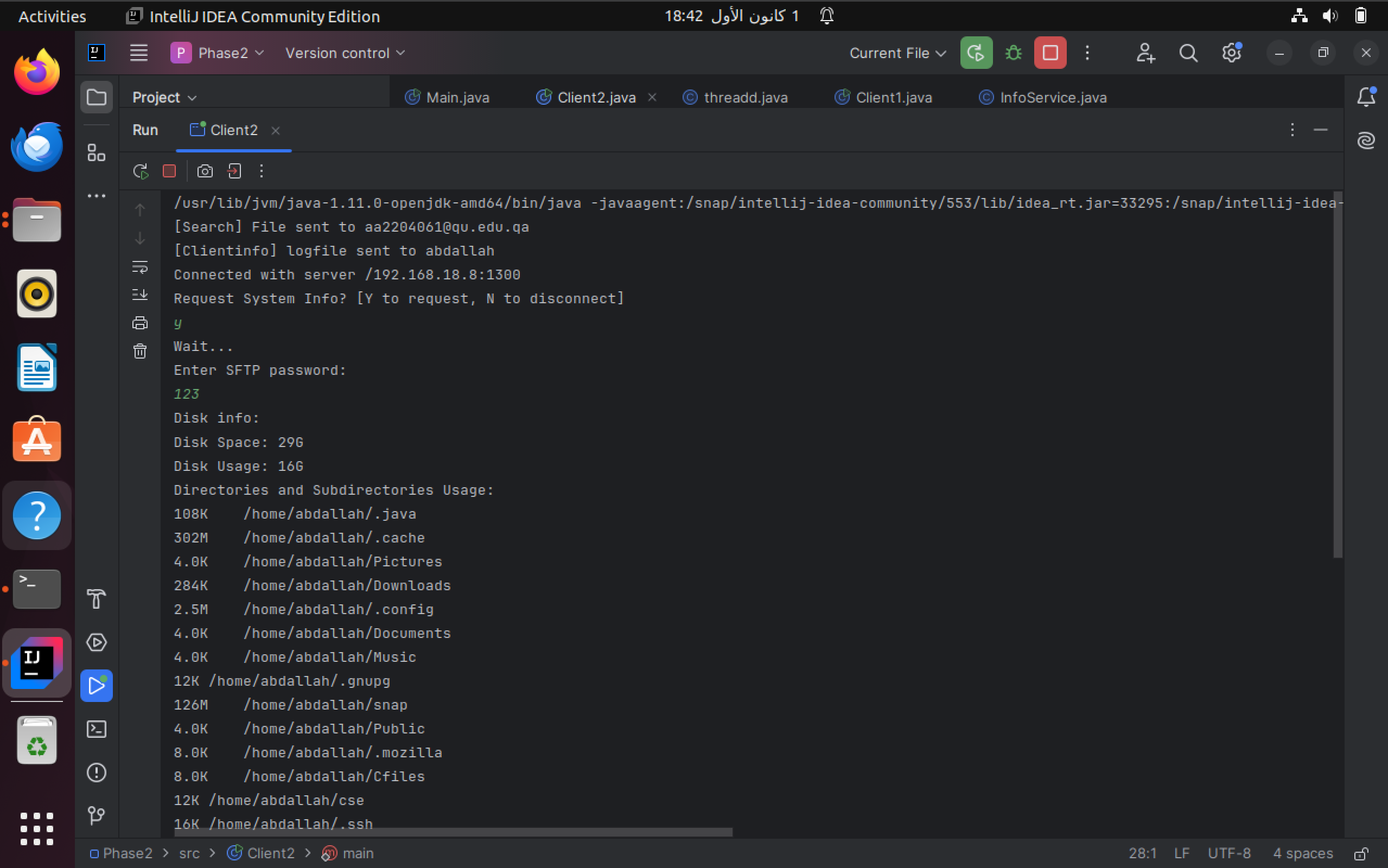
Then exited.

**Client2.java:**



Run client2.java, finished executing search.sh and Clientinfo.sh

Connected to the server



Requested info from server got the info and then displayed it

A screenshot of a computer program

Description automatically generated

After requesting first it is forced to wait 5 minutes

Then exited.

**Server.java side:**A screen shot of a computer

Description automatically generated

After the two clients got disconnected.