

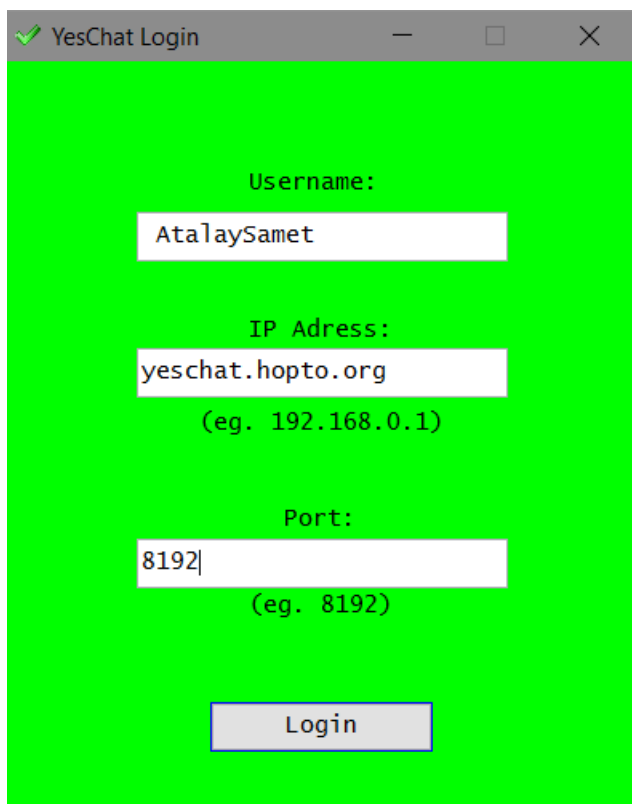
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CH. java -jar server.jar 8192

C:\Users\CAN\Downloads>java -jar server.jar 8192
Server started on port 8192. Enjoy.
```

The server is started. If it starts without problem, there is a message 'Server started on port 8192. Enjoy'

If it does not, it says there 'There is a connection problem...Please Restart it....'

Now the server is on listening mode.

A screenshot of a Java Swing window titled 'YesChat Login'. The window has a green background and a grey title bar with standard Windows window controls. It contains three text input fields with labels above them: 'Username:' with the text 'AtalaySamet', 'IP Adress:' with the text 'yeschat.hopto.org' and a hint '(eg. 192.168.0.1)' below it, and 'Port:' with the text '8192' and a hint '(eg. 8192)' below it. At the bottom center is a 'Login' button.

This is the client side. The client gives the information that is necessary for connection

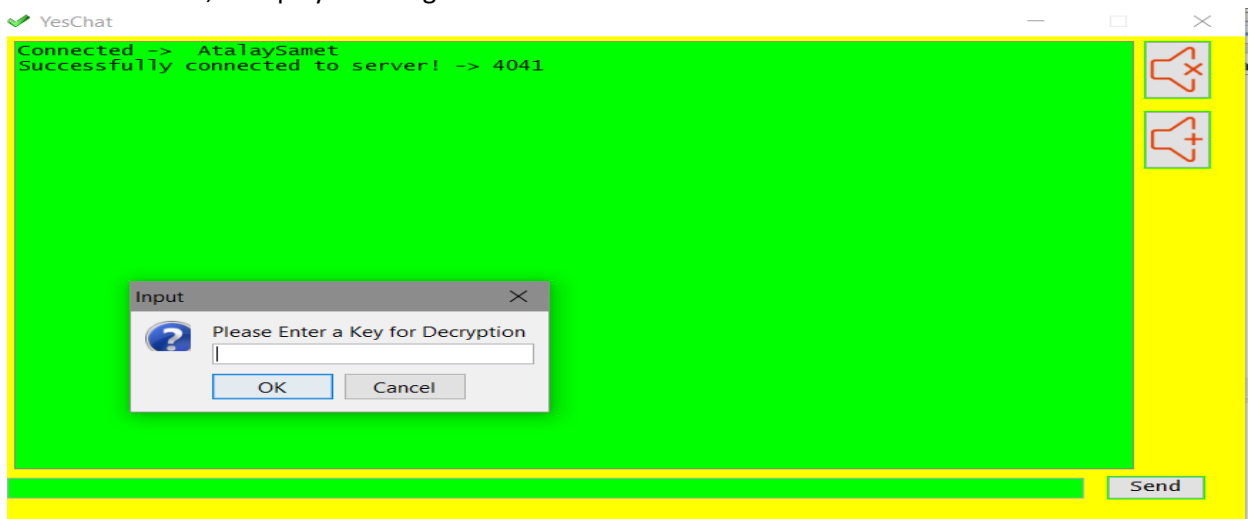
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CH. java -jar server.jar 8192

C:\Users\CAN\Downloads>java -jar server.jar 8192
Server started on port 8192. Enjoy.
AtalaySamet(4041) connected!
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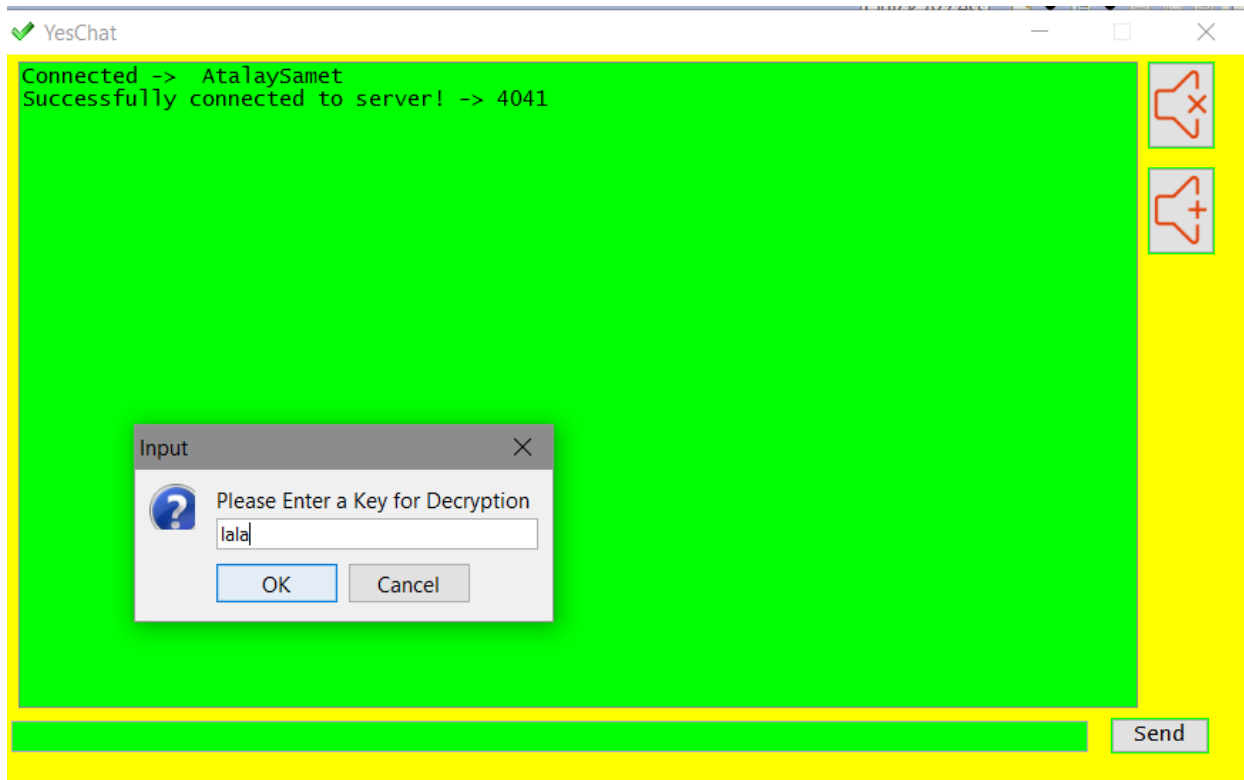
It shows information about client, that the client has connected and via 4041 id number.



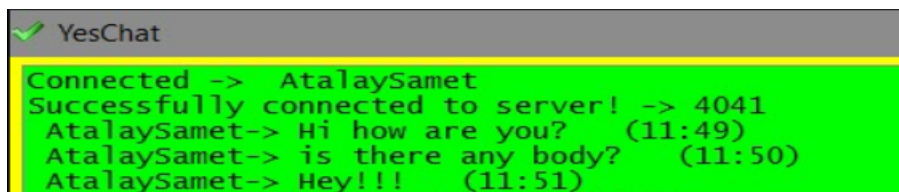
The client window is opened. If the connection is successful it displays that 'Successfully Connect to server' if it is not, it displays nothing



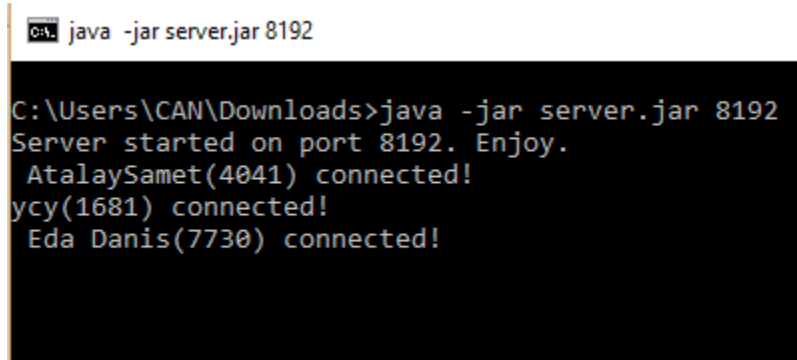
If the person starts to type something, then it displays on the screen as you see above. The true key is expected from the person.



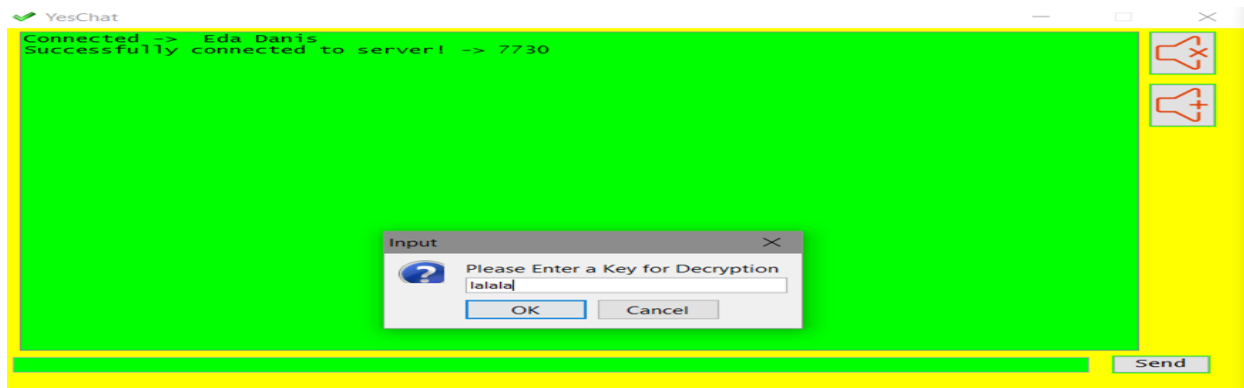
The true key is 'lala'. So this client is on the right way□



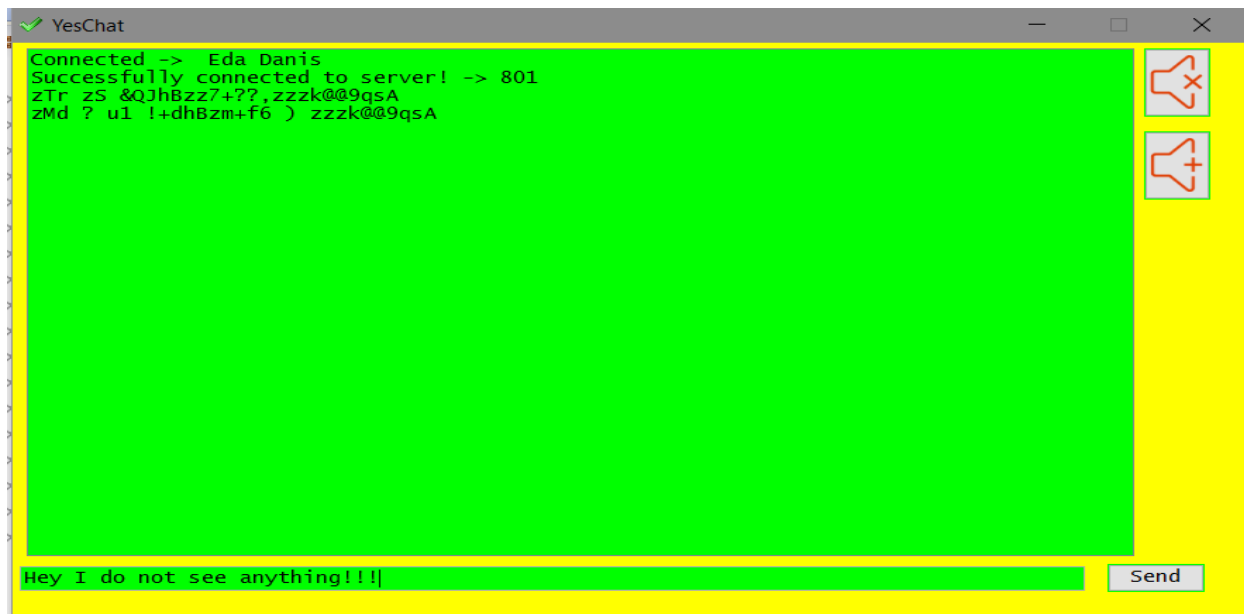
The person as a client is texting now.



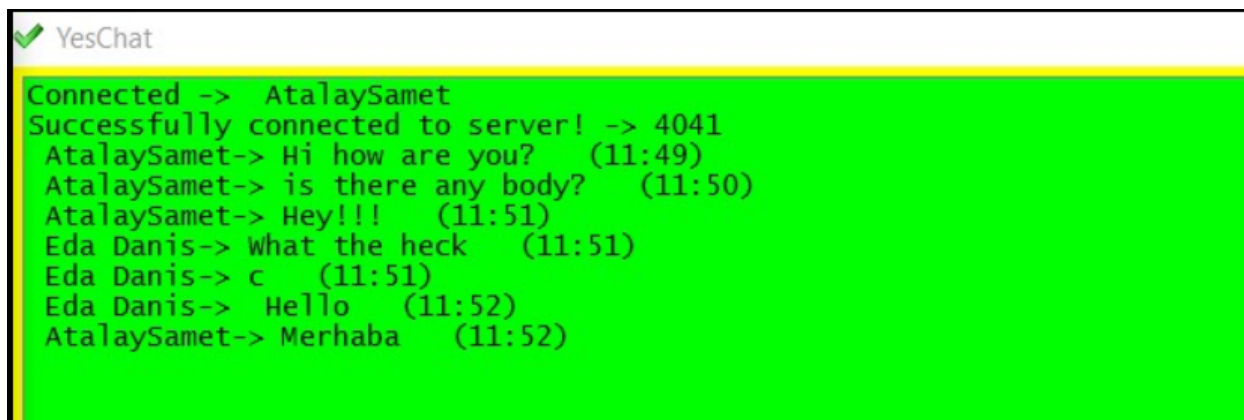
A new person! , there is a register log on the server side. Eda Danis is connected! Cool!



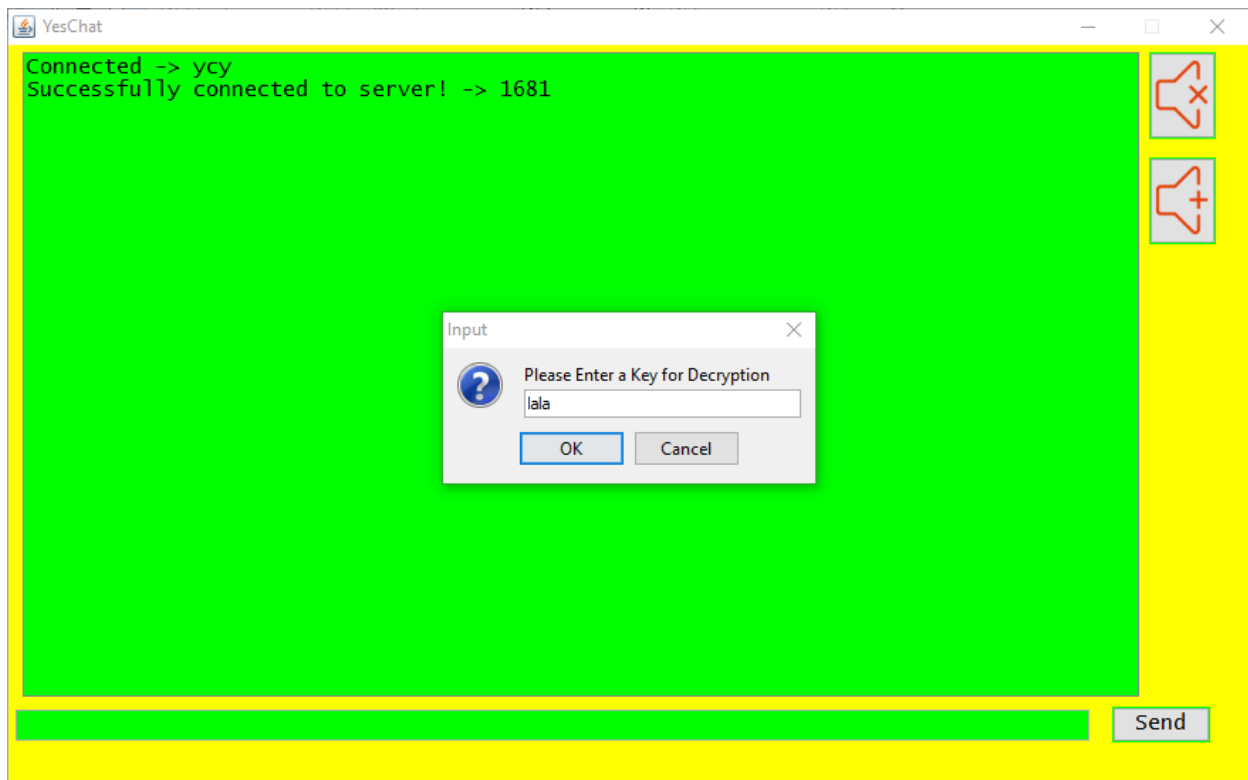
Ops! Here Eda Daniş as a client is trying to access the program via wrong key which is 'lalala'



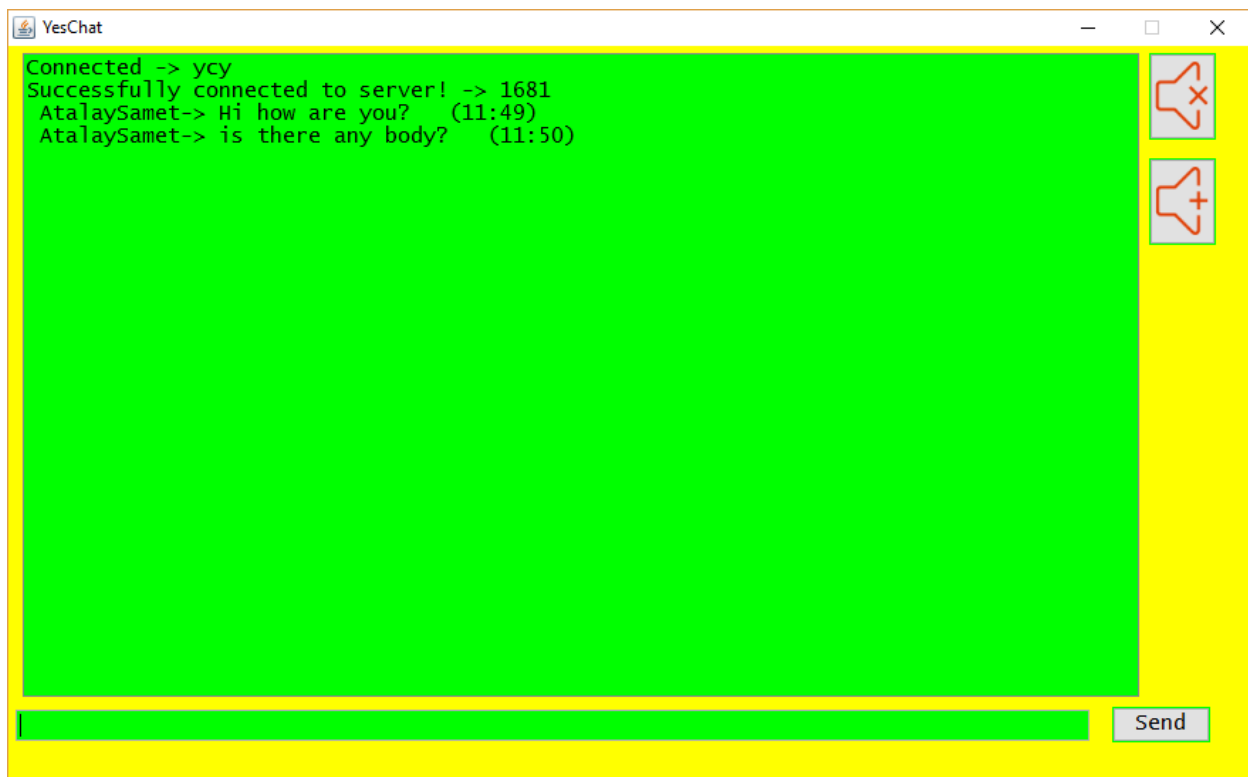
The display screen shows nothing meaningful to Eda ☐ because she got the wrong key to access...



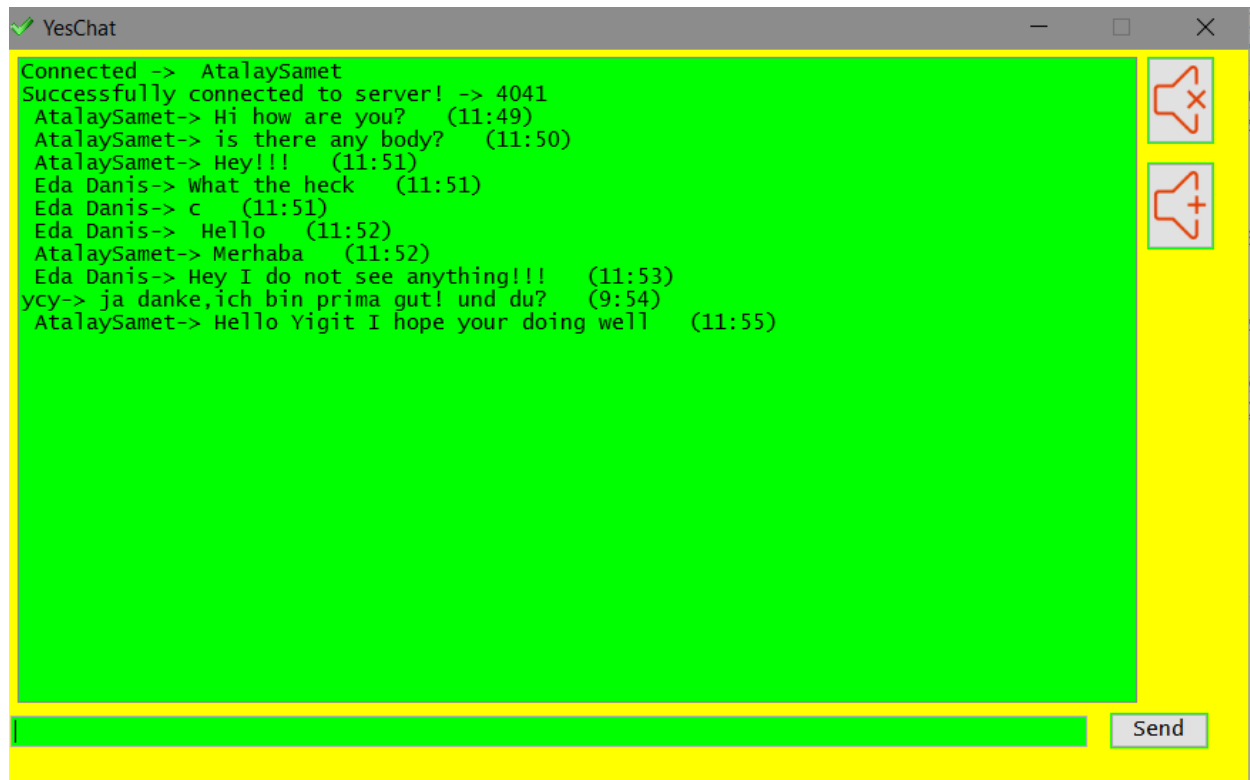
However Atalay is able to see every messages that are sent by Eda at his sight because he has already the true key.



A new client, YCY! He is trying to access with correct way.



YCY got the correct key and is able to see everything that is sent by AtalaySamet.



While Eda sees nothing meaningful on her screen, YCY and AtalaySamet text and have connection each other through the correct key.