SPL - Assignment 3 - Report

The preprocessor used for this assignment is Antenna.

Configuration options

REVERSER_ENCRYPTION: boolean

SEEDED_ENCRYPTION: boolean
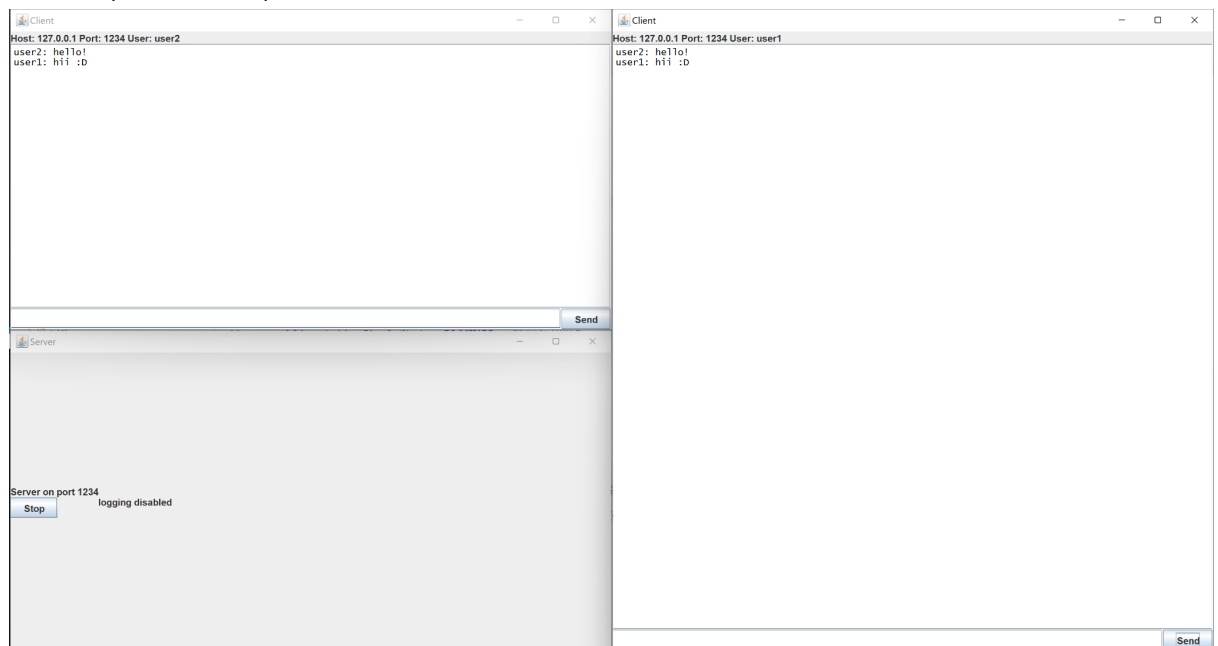
COLOR: boolean

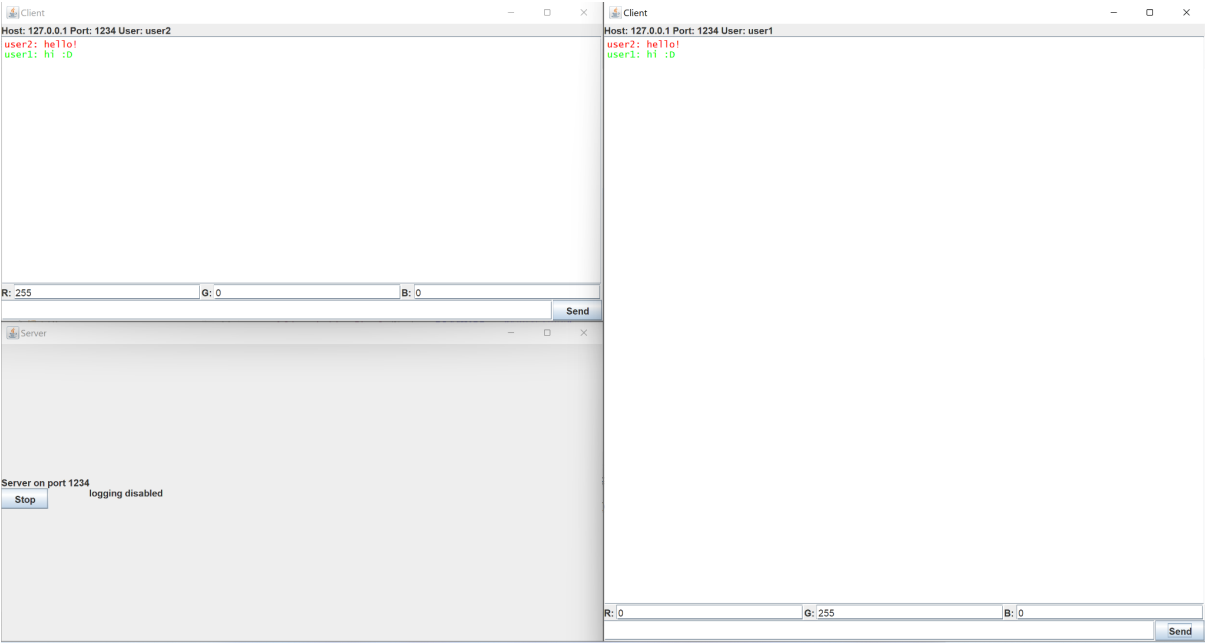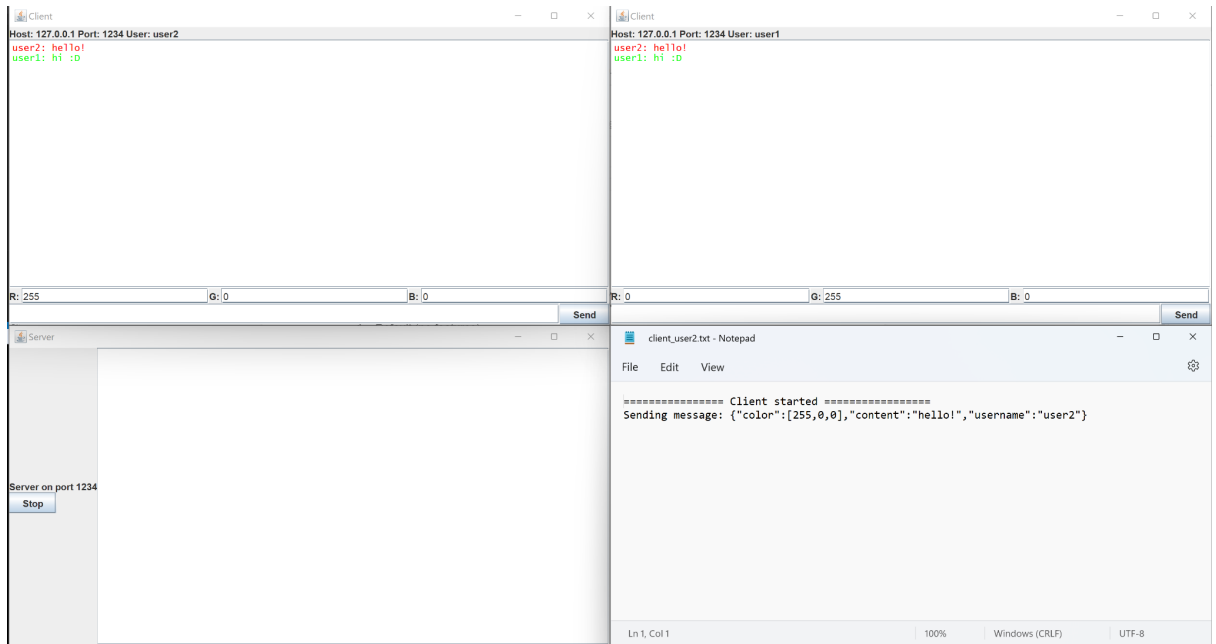**AUTHENTICATION:** boolean

LOGGING: boolean

GUI: boolean

The tests

1. Default (no features):

2. With color messages

Client — □ ×

user2: hello!
user1: hi :D

R: 255   G: 0   B: 0

Send

Server — □ ×

Server on port 1234
    logging disabled

Stop

Client — □ ×

Host: 127.0.0.1 Port: 1234 User: user1
user2: hello!
user1: hi :D

R: 0   G: 255   B: 0
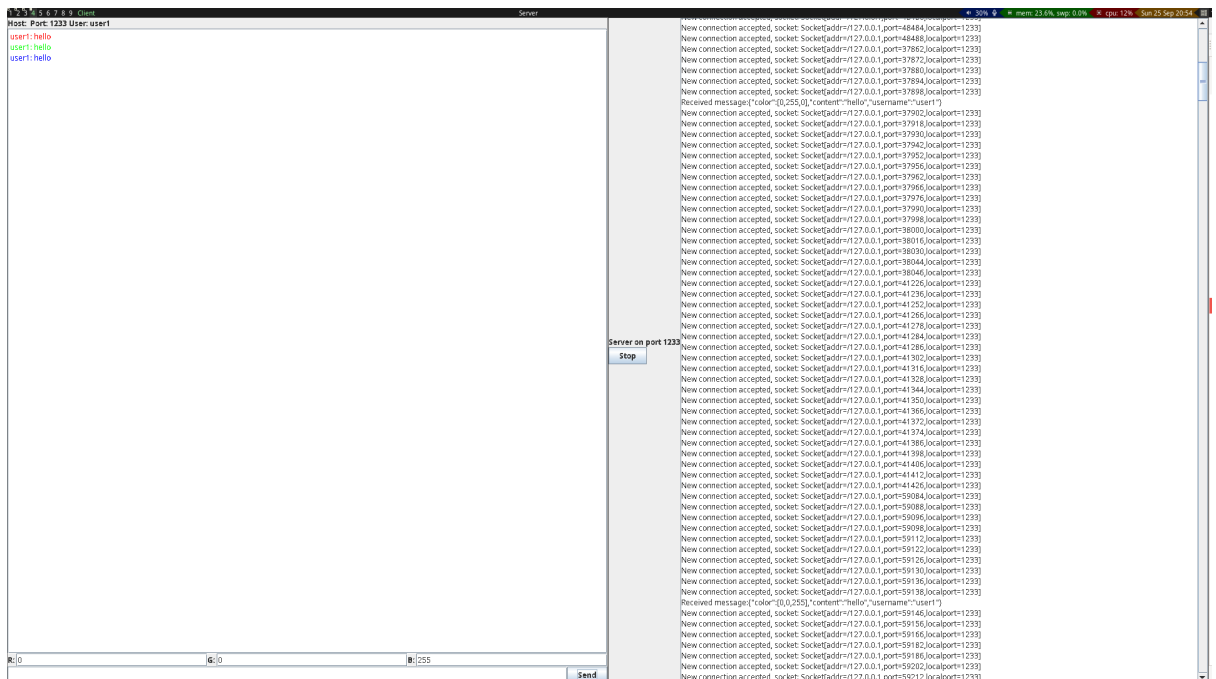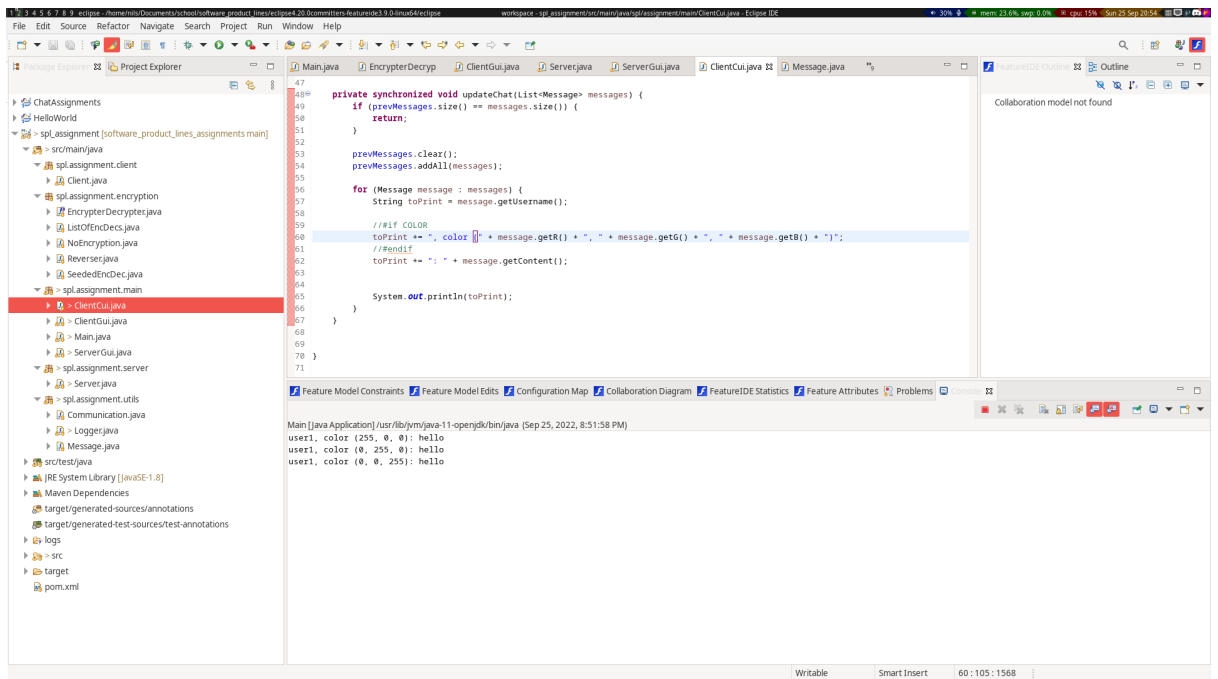
Send

3. With logging and colors

4. Configuration with REVERSER_ENCRYPTION=false,
SEEDED_ENCRYPTION=false, COLOR=true, AUTHENTICATION=false,
GUI=true/false, LOGGING=true. In this last test, encryption is disabled, color is
enabled. In the first screenshot (server and one client), the GUI is enabled. In the
other configuration (client) the GUI is disabled and messages are printed to the
console.

5. With all features enabled