**Client**

import java.rmi.registry.\*;

import java.util.\*;

*public* class client {

*public* *static* void main(String[] args) {

        String cUser;

        String cPassword;

*try* {

            Registry registry = LocateRegistry.getRegistry("localhost");

            login stub = (login) registry.lookup("login");

            Scanner input = *new* Scanner(System.in);

*while* (true) {

                System.out.println("Enter the Client message");

                String message = input.nextLine();

                stub.sendMessage(message);

                message = stub.getMessage();

                System.out.println(message);

                System.out.println("Enter username : ");

                cUser = input.nextLine();

                System.out.println("Enter password : ");

                cPassword = input.nextLine();

                stub.verifyLogin(cUser,cPassword);

*if* (stub.verifyLogin(cUser,cPassword) == 1)

                {

                    System.out.println("Enter new username : ");

                    cUser = input.nextLine();

                    System.out.println("Enter new password : ");

                    cPassword = input.nextLine();

                    stub.modifyLogin(cUser,cPassword);

                    System.out.println(stub.getPassword());

                }

*else* {

                    System.out.println("Wrong. Try again");

                }

            }

        }

*catch* (Exception e) {

            System.out.println(e);

        }

    }

}

**Server**

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.\*;

*public* class server implements login {

*public* String username = "RMI";

*public* String password = "DIT";

*public* void sendMessage(String s) throws RemoteException {

        System.out.println("Client says  "+s);

    }

*public* String getMessage() throws RemoteException {

        Scanner input = *new* Scanner(System.in);

        System.out.println("Enter the Server message : ");

*return* input.nextLine();

    }

*public* int verifyLogin(String username1, String password1) {

*if* (Objects.equals(username1, username) && Objects.equals(password1, password)) {

*return* 1;

        }

*else* {

*return* 0;

        }

    }

*public* void modifyLogin(String username2, String password2) {

        Scanner input = *new* Scanner(System.in);

        System.out.println("Enter the new username : ");

        username = input.nextLine();

        input.close();

        Scanner input2 = *new* Scanner(System.in);

        System.out.println("Enter the new password : ");

        password = input.nextLine();

        input2.close();

        System.out.println("Details successfully changed!");

    }

*public* String getPassword() {

        System.out.println("Current password is " + password);

*return* null;

    }

*public* *static* void main(String[] args) {

*try* {

            server obj = *new* server();

            login stub = (login) UnicastRemoteObject.exportObject(obj, 0);

            Registry registry = LocateRegistry.getRegistry();

            registry.bind("login", stub);

            System.out.println("Server is Running");

        }

*catch* (Exception e) {

            System.out.println(e);

        }

    }

}

**Login**

import java.rmi.\*;

*public* interface login extends Remote {

    void sendMessage(String text) throws RemoteException;

    String getMessage() throws RemoteException;

    int verifyLogin(String username, String password) throws RemoteException;

    void modifyLogin(String username, String password) throws RemoteException;

    String getPassword() throws RemoteException;

}

**Output**

Even when trying to run the code provided for us, I would still get same error which I was unable to fix. It is some issue when using LocateRegistry and setting IP address to connect to.

