

## Distributed Computing in Java

### Lab 06

#### Objectives:

- ❖ Implementing RMI Application

#### Part I: Workshop – 15 minutes

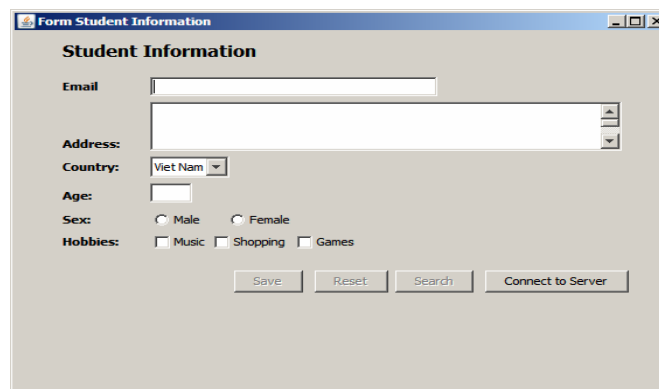
Students review RMI exercises.

#### Part I: Step by step – 1h30 minutes

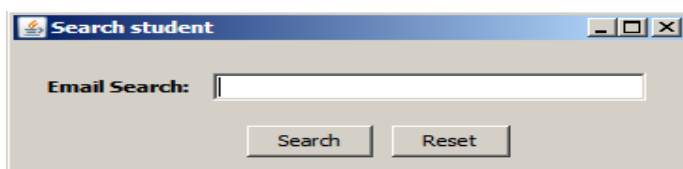
**Exercise 1:** Create an application using RMI to implement the solution. The application will be save and search information student.

Student Information:

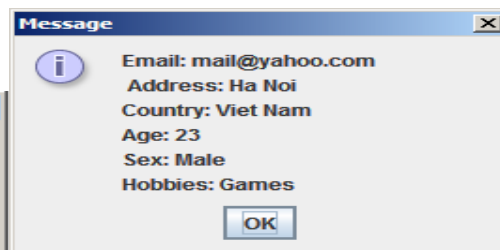
- **Connection to Server:** starting client and connecting to server. When connect to server, buttons “Save”, “Reset”, Search displayed.
- **Save:** save information student into file stu.dat
- **Reset:** reset data
- **Search:** open Search box.
  - o Enter key search: email
  - o If the email exists, display student information with the email address found.
- **Interface:** Create GUI for client-side program.



(1)



(2)



(3)