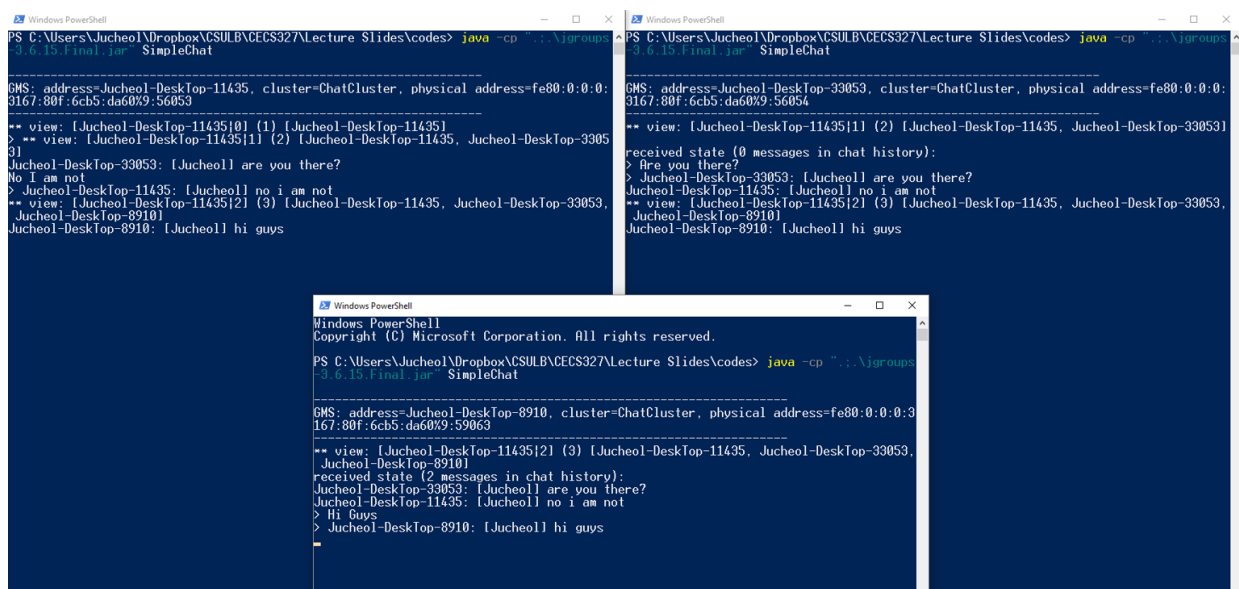


General Instruction

- You may need to do some research to complete the assignment.
- Submit your work in the Dropbox folder via BeachBoard (Not email or in class).

1. (10 points) Write a SimpleChat program using JGroups.

- You can refer the section 6.2.3 in the text book and the link <http://www.jgroups.org/tutorial/>
- Submit a screen shot as Figure 1



```
PS C:\Users\Jucheol\Dropbox\CSULB\CECS327\Lecture Slides\codes> java -cp ".\jgroups-3.6.15.Final.jar" SimpleChat
GMS: address=Jucheol-Desktop-11435, cluster=ChatCluster, physical address=fe80:0:0:0:3167:80f:6cb5:da60%9:56053
** view: [Jucheol-Desktop-11435|0] (1) [Jucheol-Desktop-11435]
> ** view: [Jucheol-Desktop-11435|1] (2) [Jucheol-Desktop-11435, Jucheol-Desktop-33053]
Jucheol-Desktop-33053: [Jucheol] are you there?
No I am not
> Jucheol-Desktop-11435: [Jucheol] no i am not
** view: [Jucheol-Desktop-11435|2] (3) [Jucheol-Desktop-11435, Jucheol-Desktop-33053, Jucheol-Desktop-8910]
Jucheol-Desktop-8910: [Jucheol] hi guys

PS C:\Users\Jucheol\Dropbox\CSULB\CECS327\Lecture Slides\codes> java -cp ".\jgroups-3.6.15.Final.jar" SimpleChat
GMS: address=Jucheol-Desktop-33053, cluster=ChatCluster, physical address=fe80:0:0:0:3167:80f:6cb5:da60%9:56054
** view: [Jucheol-Desktop-11435|1] (2) [Jucheol-Desktop-11435, Jucheol-Desktop-33053]
received state (0 messages in chat history):
> Are you there?
> Jucheol-Desktop-33053: [Jucheol] are you there?
Jucheol-Desktop-11435: [Jucheol] no i am not
** view: [Jucheol-Desktop-11435|2] (3) [Jucheol-Desktop-11435, Jucheol-Desktop-33053, Jucheol-Desktop-8910]
Jucheol-Desktop-8910: [Jucheol] hi guys

PS C:\Users\Jucheol\Dropbox\CSULB\CECS327\Lecture Slides\codes> java -cp ".\jgroups-3.6.15.Final.jar" SimpleChat
GMS: address=Jucheol-Desktop-8910, cluster=ChatCluster, physical address=fe80:0:0:0:167:80f:6cb5:da60%9:59063
** view: [Jucheol-Desktop-11435|2] (3) [Jucheol-Desktop-11435, Jucheol-Desktop-33053, Jucheol-Desktop-8910]
received state (2 messages in chat history):
Jucheol-Desktop-33053: [Jucheol] are you there?
Jucheol-Desktop-11435: [Jucheol] no i am not
> Hi Guys
> Jucheol-Desktop-8910: [Jucheol] hi guys
```

Figure 1: A screen shot of the SimpleChat program