

Computer Programming

Lab 1

2018.03.02

Lab Information

- We will do code writings and implementations, applying concepts discussed in the lecture.
- Teaching Assistants: Se-Young Kim, Wooyoung Park
 - Email: cp2018ta@tcs.snu.ac.kr
- Time: Friday 14:00-15:40 (without break)
- Venues: 302-311-1(, 302-310-2)
- Account Information
 - CSE students: use your SNUCSE (<https://old.snucse.org>) account.
 - Non-CSE students: get your account information card from the TA.

Lab Information

- Website: <http://etl.snu.ac.kr/course/view.php?id=139283>
 - Today's lab note: <https://jvl.snu.ac.kr/cp2018-lab1.pdf>
- Machine environment
 - Distribution: Ubuntu (Linux) 16.04.3 LTS
 - Java: OpenJDK 1.8.0_131
 - C++: GNU Compiler Collection 5.4.0
- TAs will not take different environments into consideration for the lab sessions and tasks.
 - If you need help practicing on your own, please let us know.

Course Information

- Evaluation
 - Attendance: 10%
 - Assignment: 35% (~5 times)
 - Midterm: 20% (programming + written part)
 - Final: 25% (programming + written part)
 - Quiz: 10%

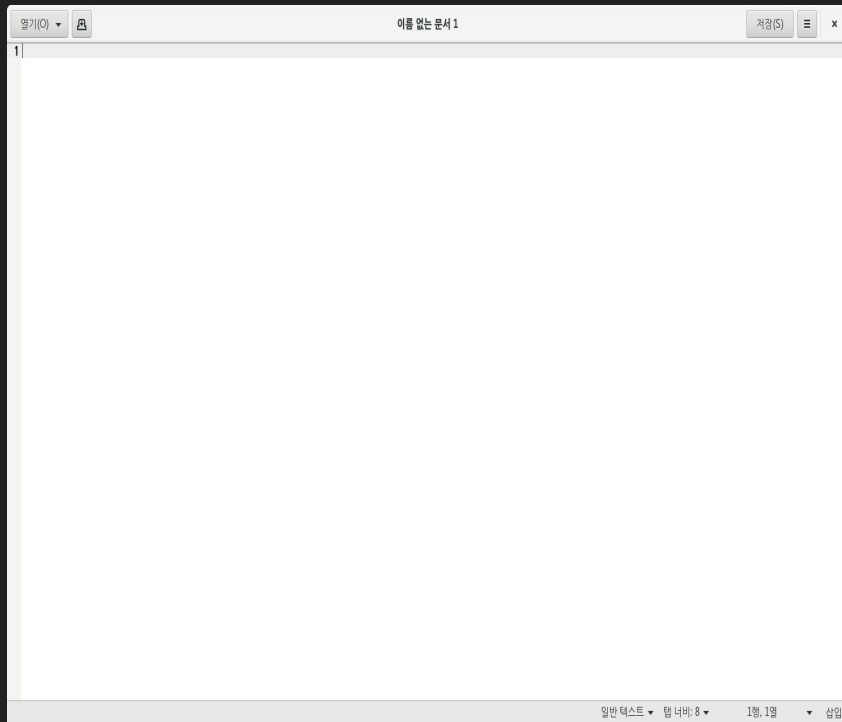
Some Pre-comments

- We expect all coursetakers to have at least some experience on computer programming.
- We will NOT discuss the following on this course:
 - Writing mobile (iOS, Android, Tizen, etc.) apps
 - GUI (Graphical User Interface)
 - Programming languages other than C++ and Java
- All course registration form requests on 6th. Prepare a 'dedicated' form for this course.

Q&A

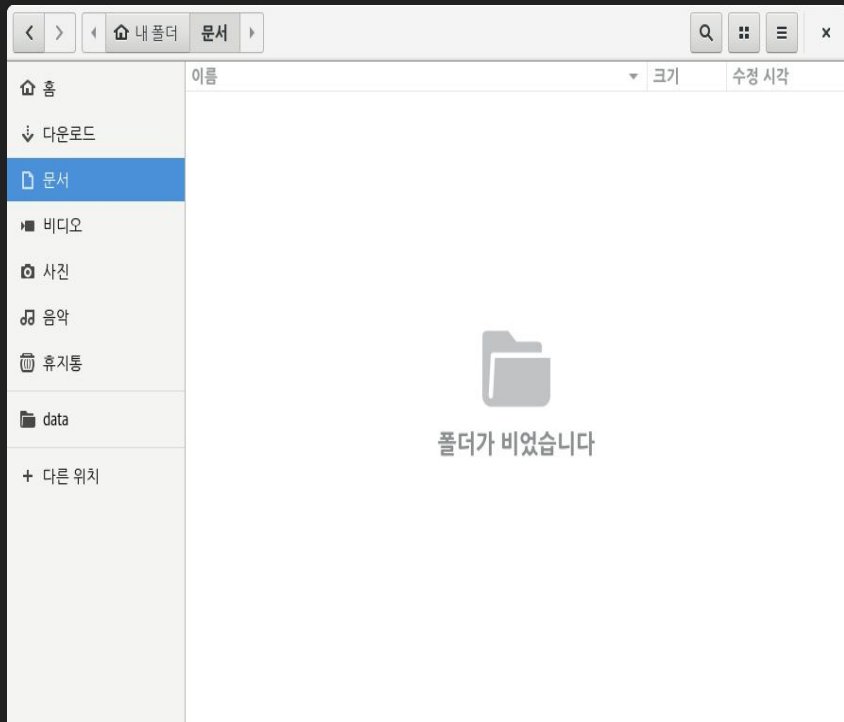
Editing Text

- There is a text editor in Linux, similar to notepad in Windows.
- Move your mouse to [Activities] (on the upper-left side)
->Click [Show Applications]
->Enter gedit.
- You can use different editors if you want.



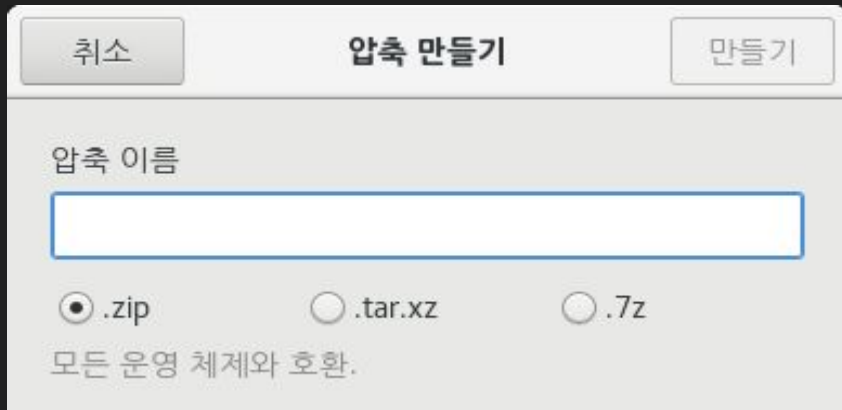
Managing Files

- There is a file explorer.
- Move your mouse to [Activities]
->Click [Show Applications]
->Click [Files].
- There might be an icon pre-created on the left side.



Compressing Files

- It is a good choice to merge a bunch of files into a single cabinet.
- Select all files (by dragging or with Ctrl key)
->Right click and select [Compress].
- Please follow this instruction when you submit your work for assignments and exams.



Warning!!!

- Your work will vanish after you log out!
- Use your own storage to back everything up: USB flash drive, OneDrive, Google Drive, etc.

IDE (Integrated Development Environment)

- Very helpful when writing codes!
- We will use:
 - IntelliJ IDEA for Java (community version installed)
 - CLion for C++ (trial version installed)

IDE

- To get a license, follow the steps in:
<https://www.jetbrains.com/shop/eform/students>
 - Use your SNU email address!

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Our software will be registered to your real name.

Email address:

Your valid university email address, e.g. john.smith@mit.edu.
I confirm that the email address provided above belongs to me.

Country / region:

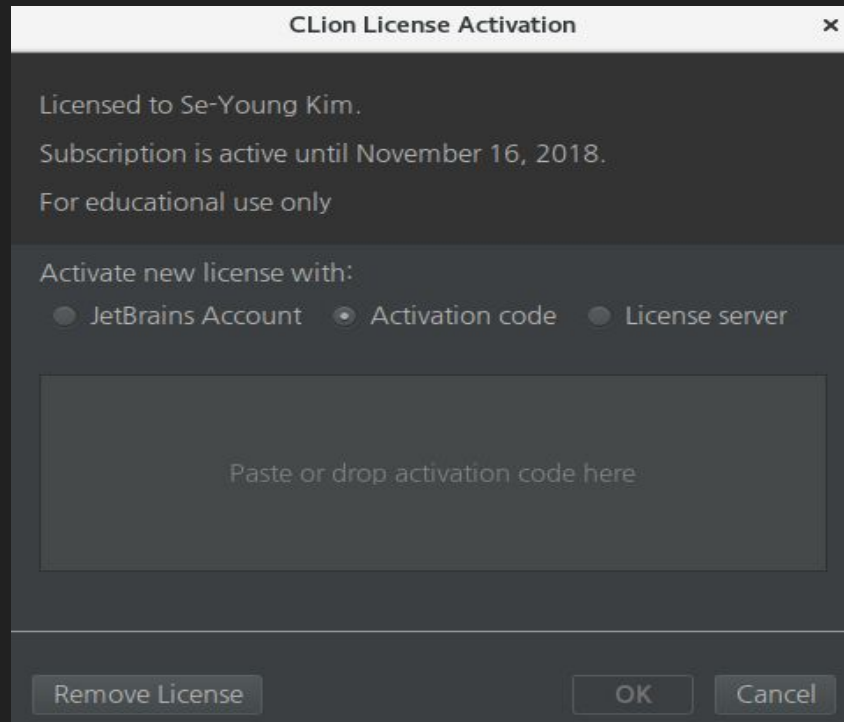
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☐ I have read and I accept the [JetBrains Privacy Policy](#)

APPLY FOR FREE PRODUCTS

IDE

- Download your activation code (in TXT format) from the email message.
 - From next time, use <https://account.jetbrains.com/licenses/activate> or your own storage.
- Activate using that code from CLion (or IntelliJ): [Help] -> [Register...]



Changing Password

- Move your mouse to [Activities]->Click [Show Applications]->Click [Settings].
- Find [User] element and change yours there.
- DO NOT FORGET both your ID and your password! TAs cannot restore them.

Attendance Mission

For those who will take this course:

[1] Create an archive <SID>_lab1.zip (e.g., 2016-21190_lab1.zip), containing these files:

- A TXT file with the content 'Hello world!'.
- Your downloaded activation code, in TXT format (we will not redistribute it!).

[2] Submit this file in eTL, in the box 'Lab 1'.

If you are not registered, send it to the TAs' email address.