

Instructions

Jinwoo Kim, *terran9089@gmail.com*
Jaehyun Nam, *namjh@kaist.ac.kr*

March 15, 2017

Here are some important notes that you **MUST** keep in mind.

1 Submission

- You **MUST** submit your prog. assignments to the KLMS website.
- The website automatically marks the time of the last submission/modification. (The website often becomes unavailable, so please make sure that you submit your assignment early)
- 50% off for any late submissions.
- *Please DO NOT e-mail Prof. Shin or TAs to submit your assignments.*
- You will be submitting two files to the system. (ONE tarball + ONE report)
- * E.g.) For prog. Assignment 1 (P1), the name will be "P1_[yourIDnumber]_[yourNAME].tar.gz"
- (1) Create a tarball (e.g.tar.gz) with all the source codes, README, and executables.
- Tarball structure: (for prog. assignment 1)
 - Create a folder called "p1"
 - Put your sourcecode in the folder named "p1/src"
 - Put your executable(s) in the folder named "p1/bin"
 - README file goes to the root path - "p1/"
 - install.sh goes to the root path as well - "p1/" (optional)
 - Then, compress the entire "p1" folder into a single tarball.
- (2) P1_yourIDnumber_yourNAME.pdf (max. five pages)

2 Choice of language

- C / Java
- The programs written in any other languages other than the ones specified above will NOT be graded.
- In case of C, You **MUST** make a Makefile which automatically compiles your programs.
- In case of Java, you need to upload both source codes and *.jar files(You may need to use IDE's function to generate *.jar or commands in CLI, ..., whatever is okay)

3 Executables

- We will run your executable on Ubuntu 14.04.5 LTS (Trusty Tahr) 64-bit platform, so please make sure your executable is compatible with this specific platform(See 6. Test Environments).
- JAVA programs: JRE 7+
- Submit a JAR file w/ all the required libraries included in the package.
- We will NOT install eclipse or any other development IDE platforms to run your program, we will be using java -jar command to test your program.

4 Use of libraries

- There is no restriction on using 3rd party libraries from any sources, UNLESS they must be included in your submission package.
- If your program requires some libraries that need to be installed to the execution environment, - you should include install.sh to enable automatic installation.
- We wont be manually installing any libraries to our test environment for your assignments.

5 README

- No README, NO points
- Let us know how to run your program. We wont be spending our time on figuring out how to run your program.

6 Environments

- We will evaluate your submitted program on 14.04.5 LTS (Trusty Tahr) 64-bit platform.
- We **highly** recommend that you use vagrant, an easy-to-use platform enabling for building/deploying VMs.
- Install VirtualBox: <https://www.virtualbox.org/>
- Install Vagrant: <https://www.vagrantup.com/downloads.html>
- Type the following commands
 - \$ mkdir PATH_TO_BOX; cd PATH_TO_BOX
 - \$ vagrant init ubuntu/trusty64
 - \$ vagrant up
 - \$ vagrant ssh (You just need to use this after installation)