

Linux System Programming course
(c) Kaiwan N Billimoria, kaiwanTECH

Sample Grading Template for assignments issued to participants

Instructions

- Keep each assignment in a separate directory with it's own Makefile
- You MUST use the 'better' Makefile template: here's [the link to the Makefile template](#)
- Ensure the name of the program is as shown (typically via the FNAME_C variable within the Makefile)
- you must cleanup the code style, test your code, etc using the 'better' Makefile targets (including valgrind, ASAN, covg, etc) as shown to you during the training; it's very important: you will be graded on several parameters not just the result.

1. *First portion of the LSP Grading Template:*

| Sr # | Name <Email ID> | All assignments: Date submitted :: Deadline :: 10 Feb 2022 1800 | Submitted on time | Packa ging effort: sent as zip file | Overall Average Score |
|------|-------------------------------|--|----------------------|--|-----------------------------|
| | | Grading range is [0-max]; max is the # shown on the right | 5 | 3 | |
| 1 | <imaparticipant@superbco.com> | | | | |

2. *Second portion of the LSP Grading Template:*

| Assignment 1: 1_sleepsafe | | | | | | | | | | Weightage | 1.25 | Instructor Comments | |
|--|---|----------------|---|------------------------|----------------|----------------------------|----------------|---------------|--|----------------------------|-------|---------------------|------|
| Uses 'better' Makefile + builds cleanly (no err/warn or only warnings) | Better' Makefile [with CFLAGS, clean, indent, prod, prod2part, dbg, sa, da, ... targets, ...] | source license | Code readability: k code style, indentation / comments. ... [checkpatch.pl -f +1] | static analysis checks | | dynamic analysis performed | | documentation | working / correctness / desired result (+algo, code,etc) | Optional: Test case(s) [1] | score | | %age |
| make_score | makefile_tgt_score | license_score | semiauto [checkpatch_score] | flawfinder_score | cppcheck_score | asan_score | valgrind_score | doc_score | manual | | | | |
| 5 | 9 | 1 | 5 | 2 | 2 | 4 | 3 | 2 | 10 | 3 | 57.5 | | 100% |
| | | | | | | | | | | | | | |