

Assignment 1 grading scheme

Functions (graded using an automated test harness):	90%
- <code>createCalendar()</code> :	70%
- Correct handling of valid files and arguments	45%
- Correct handling of invalid files and arguments	25%
- <code>deleteCalendar()</code> :	8%
- <code>printCalendar()</code> :	7%
- <code>printError()</code> :	5%

Sub-Total: 90%

Correct <code>makefile</code> (has all four rules, creates correctly named files):	10%
- <code>make list</code> creates a shared library <code>liblist.so</code> in <code>assign1/bin</code>	
- <code>make parser</code> creates a shared library <code>libcal.so</code> in <code>assign1/bin</code>	
- <code>make</code> or <code>make all</code> creates <code>liblist.so</code> and <code>libcal.so</code> in <code>assign1/bin</code>	
- <code>make clean</code> removes all <code>.o</code> and <code>.so</code> files	

Total: 100%

You will lose marks for run-time errors and incorrect functionality. Additional deductions include:

- Any compiler warnings:	-15%
- Any memory leaks:	-15%
- Any memory errors other than leaks, e.g. under-allocating memory, using uninitialized pointers, etc.:	-15%
- Incorrect directory structure:	-5%
- Incorrect output filenames created by <code>makefile</code> :	-5%
- Any additional failures to follow submission instructions:	-5%

Any compiler errors: automatic grade of **zero** (0) on the assignment. Your assignment will be graded on `linux.socs.uoguelph.ca`. The only flags used to compile it will be: `-Wall -g -std=c11`. Your code must compile with these flags with no errors or warnings.

Remember that your source code must compile with the test harness. The guidelines in Module 1, including the list of Do's and Don'ts, will help you avoid any compatibility issues. You should also use IFS to verify that your code is compatible with the test harness. See Lecture 1 and course forums for details.

Submission structure

As stated in Module 1, the submission must have the following directory structure:

<code>assign1/</code>	- contains the <code>Makefile</code>
<code>assign1/bin</code>	- should be empty, but this is where the <code>Makefile</code> will place the shared lib files.

`assign1/src` - contains `CalendarParser.c` , `LinkedListAPI.c`, and your additional source files.

`assign1/include` - contains your additional headers. Do **not** submit `CalendarParser.h` and `LinkedListAPI.h`.

You must not modify `calendarParser.h` and `LinkedListAPI.h`. The automated test harness will use the `.h` files provided in the Assignment 1 dropbox. If you modify them, your code may not compile.

Note: There will be no marks given for a correct list implementation, since the list is already provided for you.