This assignment does not count toward the final grade.

Bug Hunt Copy

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You should work together with your pair partner from your team; each pair in the team needs to do this assignment separately and submit separately.

Try to find as many (likely) bugs as you can in one of the github repositories listed at the end below, pick **one**. You do not need to check the entire repository, its fine to concentrate on a subpart. For this assignment, problems involving use of whitespace, mnemonic identifiers, and commenting (or lack thereof) are not of interest so do not look for those.

To try to find bugs, you should read the code and/or run static analysis tools. You do not need to try to fix any bugs. You do not need to try to understand what the code does or how it works, but if you are ambitious you could read whatever documentation is available, then construct and run unit test cases, maybe even execute the full system (good luck). Or anything else you can think of as long as your pair works alone rather than collaborating with others. Do **not** contact the original developers for help, but its good to submit "issues" for any bugs you find. (Obviously, do not report as a new bug any "issues" already submitted in the past by others - unless your report sheds new light on the nature of the bug.)

Submit a single file that describes in detail the process and tools you used to try to find bugs in the chosen codebase, giving examples of specific bugs found a specific way, if any. Grading is based on the process you followed, not how many bugs you find (although there are plenty!). But do list all the bugs you found. In some cases, you may know the exact line(s) of code that contain the defect, whereas in other cases you may just know the symptoms of incorrect behavior. Tell us as much as you can. Do not just say "it doesn't work".

One member of your pair should submit a single file (preferably pdf) presenting your bug finding process and bug report. Your file should contain your team name and the names/unis of the specific two pair partners, and may optionally include links to external resources. You may submit repeatedly until the deadline.

Projects to choose from (pick any **one**):

https://github.com/gmu-swe/phosphor **(https://github.com/gmu-swe/phosphor)**

https://github.com/Programming-Systems-Lab/macneto_release **(https://github.com/Programming-Systems-Lab/macneto_release)**

https://github.com/Programming-Systems-Lab/dyclink **(https://github.com/Programming-Systems-Lab/dyclink)**

https://github.com/Programming-Systems-Lab/ioclones **(https://github.com/Programming-Systems-Lab/ioclones)** **(https://github.com/Programming-Systems-Lab/ioclones)**

Points	10
Submitting	a file upload
File Types	doc, docx, pdf, txt, xls, and xlsx

Due	For	Available from	Until
Oct 31, 2018	1 student	Oct 15, 2018 at 12am	Oct 31, 2018 at 11:59pm

+ **Rubric**