

Problems with Student Project #2s

1. **Public Interface Documentation:**

Every package you submit is expected to have opening comments that provide:

- a. Prologue
- b. Package Operations
- c. Required Files
- d. Maintenance History

You will find all of the packages in my InstrSol-Project2 in Project2Help-F16 provide good examples.

2. **Public Data:**

You should have no public data in your code unless it is either const or part of a struct that is used internally to some class's code and not returned from any public function.

3. **Not Demonstrating that all requirements are met:**

You do not get credit for requirements you do not demonstrate. One or two students turned in projects that simply printed out repeatedly that a Requirement was demonstrated without ever running any code that demonstrates the requirement. We will spot that and be harsh with penalties.

4. **Compile and Run batch files:**

You are expected to supply these. You will find directions for doing that here: <C:\su\webpages\SubmittingProjects.htm>. You will find a link to that in Projects > Submissions.

5. **Use of absolute paths:**

Absolute paths only work on the machine where the code is created, and won't work on our grading machines. Use relative paths, and, if you need to pass to a function that expects an absolute path, then use `System.IO.Path.GetFullPath(string)`.

6. **Use of multiple solutions:**

Do not submit a project with multiple solutions. That makes it very hard to develop and very hard to grade. It is also an indication that you may have taken code from one of your friends.

7. **Use of Console Menus:**

I have said several times that I do not want you to use console menus. I intend that if you do that you will immediately lose 5 points. Some of the TAs have been more lenient, but I have instructed them to deduct 5 points for that on Project #4 or in any of your prototype code.

8. **Failure to eliminate warnings:**

You will be penalized for warnings that are easy to fix (almost all are).

9. **Test stubs that don't use #define(TEST_PackageName):**

You will lose points for structure if we spot that.

10. Test stubs that do no testing:

“Hello World” test stubs don’t count.

11. Use of start in batch files:

Only use start in batch files that need to start up more than one process. If you use start in a run.bat file that only starts one process, the TAs can’t redirect your output to a file for analysis.