

<b>enel487-fall 2013, as1 - Complex 4-banger</b>	
<b>Student Name</b>	anonymous
<b>Student Id</b>	999999999
<b>As1 Mark</b>	<b>52.0%</b>
<b>Key Issues List:</b>	
<b>Code Style</b>	Keep lines to < 80 chars. Use spaces instead of TABS. Avoid magic numbers like 50. Don't name files (or directories) with embedded spaces. Use underscores instead.
<b>Header comment present in every source file.</b>	No, no header comment is present.
<b>Explain how to build?</b>	No, there's no Makefile or equivalent.
<b>readme.txt present?</b>	Yes. good.
<b>Case insensitive commands?</b>	No, only works with uppercase.
<b>All commands implemented?</b>	No, missing quit.
<b>Mathematical correctness. +, -, *, / works?</b>	Division produces an erroneous display.
<b>Read from stdin in proper format.</b>	No, reads from a file named "file.txt".
<b>Main output written to stdout, other output to stderr.</b>	No, writes to a file name "result.txt" in append mode.
<b>Output format meets spec.</b>	No: has a trailing "i" instead of a leading "j" on the imaginary part. Sometimes even the "i" is missing.
<b>Proper functional decomposition.</b>	Yes.
<b>Used home-made Complex data type.</b>	No, it is named "complex" instead of Complex.
<b>Can be compiled under g++ on snoopy</b>	No: Complains about undeclared function "exit()". Including stdlib.h fixes this.
<b>Works with my test input file</b>	no
<b>Detect invalid input</b>	Erroneous command char is detected. Malformed commands are not detected.
<b>How is division by zero handled?</b>	Prints an error message: "illegal math operation involved"
<b>Test runs provided (not required)</b>	no
<b>General comments</b>	The use of globals "a", "b", "c", is bad. You named your readme file "readme.txt.txt". Don't duplicate the extension. Please patch your original source using the patchfile I'll email to you. See me for more info about this.