

Evaluation Item	Unacceptable (0)	Acceptable (1)		Comments
<b>Verifiability</b> Note: If this item is “unacceptable”, the rest of the assignment will not be marked.	The submission lacks a script for validating the parser, or the script provided could not be used to verify the parser.	The submission includes (a) a set of tests for verifying the parser and (b) a script to build your parser and to parse those tests. That scripts can be used on a lab machine to verify the parser outputs.		More clarity of what you are doing would be appreciated. I know I can sift through your code and submission, but it would have been nice to have had a paragraph or two clearly describing this.
Evaluation Item	Unacceptable (0)	Marginal (2)	Proficient (3)	Comments
<b>Expressiveness</b> Note: Typechecking is not required, so the parser may allow structurally correct but invalid code like: “cat” / 2	The CFG and parser fails to disallow significant invalid structures.	The CFG and parser allow a small number of invalid structures.	The CFG and parser correctly represent the language, are free from ambiguity, and do not allow invalid structures.	The grammar is not free from ambiguity. Looking at your grammar.txt, why go to <code>&lt;operand&gt;&lt;opcode&gt;</code> or <code>&lt;operand&gt;&lt;operand&gt;&lt;opcode&gt;</code> when you can decompose this to: <code>expr ::= &lt;opcode&gt;   &lt;operand&gt;&lt;expr_tail&gt;</code> <code>expr_tail ::= &lt;opcode&gt;   &lt;operand&gt;&lt;opcode&gt;</code> this would be LL(1) and predictive.
<b>Completeness</b>	The CFG and parser fail to parse significant portions of the language.	The CFG and parser fail to parse one or two legal structures.	The CFG and parser accurately represent all legal structures in the language.	This cannot really be determined until closer to the final stage. For now it does the job.

Evaluation Item	Unacceptable (0)	Marginal (2)	Proficient (3)	Comments
<b>Documentation</b>	The submission document is missing one of the required elements.	The submission document contains all three required elements but does not <i>clearly</i> describe the IR or process for verifying the parser.	The submission contains a document that (a) describes the IR clearly, (b) lists language structures not parsed, and (c) explains how to use the provided script and tests.	<p><b>You haven't made a case that you have an IR. You've parsed – but to what? (1.5)</b></p> <p><b>The documentation explaining how to use the test script “test.bash” or what it is intended to do/show could be improved.</b></p>

**Additional Notes:**

**Group Members:** Bennie Williams and Antonio Larocca

**Score:** 7.5/10