

Evaluation Item	Unacceptable (0)	Acceptable (1)		Comments
<b>Verifiability</b> Note: If this item is “unacceptable”, you must resubmit an “acceptable” version for the next sprint.	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(/Those) script(s) can be used on a lab machine to verify the parser outputs.		<ul style="list-style-type: none"> <li>Everything that is required to verify the parser is present.</li> </ul> <p style="text-align: right;"><b>Mark: 1/1</b></p>
Evaluation Item	Unacceptable (0)	Marginal (1-2)	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 fail 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.	<ul style="list-style-type: none"> <li>The <code>parser.out</code> file indicates 1shift/reduce conflict and 1 reduce/reduce conflict. Reduce/reduce conflicts tend to alter the way the parser works in a major way (i.e., notice that a rule got rejected), hence should be fixed. The shift/reduce error is caused by grammar ambiguity.</li> </ul> <p style="text-align: right;"><b>Mark: 2.5/3</b></p>

<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.	<ul style="list-style-type: none"> <li>Grammar looks good and your tests seem to test most (if not all) aspects of the language.</li> <li>The test suite appears to be thorough and comprehensive for valid input.</li> <li>you should also check for failing cases to see if your parser picks up failing cases as well.</li> </ul> <p style="text-align: right;"><b>Mark: 3/3</b></p>
<b>Evaluation Item</b>	<b>Unacceptable (0)</b>	<b>Marginal (1-2)</b>	<b>Proficient (3)</b>	<b>Comments</b>
<b>Documentation</b>	The submission document is missing one of the required elements.	The submission document contains all three required elements but does not clearly 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.	<ul style="list-style-type: none"> <li>Some more detail on the test cases for the lexer and the parser would be helpful.</li> <li>There are many tests (which is good), but the report doesn't describe the specifics of what these tests are trying to assess.</li> </ul> <p style="text-align: right;"><b>Mark:</b> <b>2.5/3</b></p>

**Additional Notes:**

- None.

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**Overall Score: 9/10**