

Evaluation Item	Unacceptable (0)	Acceptable (1)		Comments
Verifiability 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"> Everything that is required to verify the parser is present. <p style="text-align: right;">Mark: 1/1</p>
Evaluation Item	Unacceptable (0)	Marginal (1-2)	Proficient (3)	Comments
Expressiveness 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"> Your parser outputs 13 shift/reduce conflicts during the generation of the state transition table, caused by the grammar ambiguity. Although PLY technically handles shift/reduce conflict by performing shift rather than reduce, your grammar should also handle this. <p style="text-align: right;">Mark: 2/3</p>

Completeness	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"> Grammar looks good and your tests seem to test most (if not all) aspects of the language. <p style="text-align: right;">Mark: 3/3</p>
Evaluation Item	Unacceptable (0)	Marginal (1-2)	Proficient (3)	Comments
Documentation	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.	<ul style="list-style-type: none"> Nicely done. <p style="text-align: right;">Mark: 3/3</p>

Additional Notes:

- None.

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Overall Score: 9/10