Evaluation Item	Unacceptable (0)	Acceptable (1)		Comments
Verifiability <u>Note</u>: 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 script can be used on a lab machine to verify the parser outputs.		• Everything required to verify the compiler is included 1/1

Evaluation Item	Unacceptable (0)	Marginal (1-2)	Proficient (3)	Comments
Correctness	The extension or optimization has broken the compiler's ability to generate code in many cases. There is only no optimization technique employed correctly and/or the optimization techniques employed are subpar.	The extension or optimization has caused the compiler to fail in edge cases. There is only one optimization technique employed correctly and/or there is no substantially implemented optimization technique.	The compiler continues to generate legal code with the extension or optimization enabled. There are two or more optimization techniques employed, one of which is substantial.	• The compiler continues to generate legal code. • Sufficient number of optimizations implemented. 3/3

Robustness	The extension or optimization only works on a very narrow set of cases. Alternatively, no extension or optimization is present. Type checking (if applicable) does not function as expected and/or has major errors.	The extension or optimization fails to account for some edge cases or rules out some common cases. Type checking (if applicable) functions with minor errors.	The extension or optimization is capable of handling unexpected or incorrect input gracefully. Type checking (if applicable) functions as expected.	• Missing test cases which checks for potential errors. Deducting 0.5 for this. • With brief testing, the compiler seems to handle error cases. **2.5/3**
Documentation	The extension is not clearly identified or the document does not explain its purpose. Alternatively, there is no documentation to support the submission. The documentation includes minor or no details on how to run the test script for verifiability and provides minor or no details to test the compiler/interpreter.	The extension is identified clearly, however, the documentation fails to distinctly illustrate/explain how it is implemented or why it is interesting. The documentation includes some details on how to run the test script for verifiability and provides some details to test the compiler/interpreter.	The extension or optimization is identified clearly. The document explains what it does, how it is implemented, and why it is interesting. The documentation includes details on how to run the test script for verifiability and provides sufficient details to test the compiler/interpreter.	• Documentation clearly indicates optimization implemented and how it is done. **3/3**

Additional Notes:

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Score: 9.5   /10