

Evaluation Item	Unacceptable (0)	Marginal (1-2)	Proficient (3)	Comments
<b>Organization and Project Description</b>	The document is missing an introduction and/or lacks sufficient cases to understand how the proposed compiler will be used.	The document's organization could be improved by adding to the introduction. Additional detail in one or more cases would help with understanding how the proposed compiler will be used.	The document is well organized. An overview and the goals of the project are identified early in the document, and sufficient details are provided in the cases to understand how the proposed compiler will be used.	<ul style="list-style-type: none"> <li>I appreciate the organization and structure of the project description, well done!</li> </ul> <p style="text-align: right;"><b>Mark: 3/3</b></p>
<b>Input Language</b> Required: <ul style="list-style-type: none"> <li>- Two types</li> <li>- Related operators</li> <li>- Looping construct</li> <li>- Condition construct</li> <li>- Procedure construct</li> </ul>	One or more required elements are missing.	The input language includes the required elements, but the language contains conflicting elements or an ambiguity.	The input language is clearly described and includes the required elements.	<ul style="list-style-type: none"> <li>The proposal clearly describe all the required input language features.</li> </ul> <p style="text-align: right;"><b>Mark: 3/3</b></p>

<b>Lexical Specification (Weight: 2x)</b>	The lexical specification is missing one or more components.	The lexical specification fully describes the input language, but significant elements could be improved to reduce redundancy or enhance the structure of the specification.	The lexical specification fully describes the input language. The elements of the language are organized well, though there may be minor improvements possible.	<ul style="list-style-type: none"> <li>• Need something similar to “program” symbol which essentially provides “starting point” for the input language.</li> <li>• Tracing the flow of the grammar appears to indicate that you cannot indent if statements.</li> <li>• With the existing BNF notation, it is rather difficult to clearly define a whitespace-sensitive language like Python. Refer to <a href="#">Python’s official grammar</a> doc to see how you should define yours. This should also help with future sprints.</li> </ul> <p style="text-align: right;"><b>Mark: 5/6</b></p>
Evaluation Item	Unacceptable (0)	Marginal (2)	Proficient (3)	Comments
<b>Target</b>	The target is not well defined: it is not clear that the target language is specified or can be verified.	The target is clearly defined, but there are concerns about its viability. Elements of the target language may be underspecified or overly complex; development of infrastructure may be required to verify the output.	The target is clearly defined and is viable. There is a clear path to generating output that can be verified through execution (or, for visual items only, inspection).	<ul style="list-style-type: none"> <li>• It would have been good to include examples with nested function calls.</li> <li>• Because the target is fairly complicated, you need to think through how things like nesting will get translated.</li> </ul>

				Mark: 2/3
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**Project Input/Output:** Subset of Python to Python one-liner using lambda

**Additional Notes:**

- None.

**Group Members:**

1004042537	BHARDWAJ	RITVIK	ritvik.bhardwaj@mail.utoronto.ca	bhard118
1005290855	HU	HAOCHENG	hc.hu@mail.utoronto.ca	huhaoche
1004432321	SIBIA	NAAZ	naaz.sibia@utoronto.ca	sibiana

**Overall Score: 13/15**