

# Semester Project Checklist

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Item	Points	Done
<b>PL theory</b>	<b>74</b>	<b>X</b>
<b>Comparison to C++, Java, Python, and/or Scala</b>	<b>26</b>	<b>X</b>
Philosophy	<b>3</b>	<b>X</b>
Location it is used	<b>3</b>	<b>X</b>
Where it excels, where it fails (4 each)	<b>8</b>	<b>X</b>
Portability, simplicity, orthogonality, reliability (3 each)	<b>12</b>	<b>X</b>
<b>Syntax, OOP</b>	<b>16</b>	<b>X</b>
Q1	<b>4</b>	<b>X</b>
Q2	<b>4</b>	<b>X</b>
Q3	<b>4</b>	<b>X</b>
Q4	<b>4</b>	<b>X</b>
<b>Parsing, binding, type system, and data type range</b>	<b>16</b>	<b>X</b>
Q1	<b>4</b>	<b>X</b>
Q2	<b>4</b>	<b>X</b>
Q3	<b>4</b>	<b>X</b>
Q4	<b>4</b>	<b>X</b>
<b>Function/OOP/specialties</b>	<b>16</b>	<b>X</b>
Q1	<b>4</b>	<b>X</b>
Q2	<b>4</b>	<b>X</b>
Q3a	<b>4</b>	<b>X</b>
Q3b	<b>4</b>	<b>X</b>
<b>Sample code</b>	<b>75</b>	<b>X</b>
Code # of files that meet the ideas of the SOLID principles	<b>20</b>	<b>X</b>
Required # of distinct pieces of functionality	<b>20</b>	<b>X</b>
Required # of functions	<b>20</b>	<b>X</b>
Basic usage code (-2 for minor issue)	<b>15</b>	<b>X</b>
<b>Pitch</b>	<b>26</b>	<b>X</b>
Language version	<b>2</b>	<b>X</b>
Philosophy	<b>3</b>	<b>X</b>
Why should it be used	<b>3</b>	<b>X</b>
Where it is commonly use (or would like to see it used)	<b>2</b>	<b>X</b>
Basic usage of the language	<b>3</b>	<b>X</b>
The problem	<b>2</b>	<b>X</b>
Why it should or should not be used to solve the problem	<b>3</b>	<b>X</b>
List of ALL features implemented	<b>2</b>	<b>X</b>
Code for your “problem,” <b><i>running</i></b> , with all pieces of functionality	<b>6</b>	<b>X</b>
Bonus?		<b>X</b>