**Semester Project Checklist**

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| --- | --- | --- |
| **Item** | **Points** | **Done** |
| **PL theory** | **66** |  |
| **Comparison to Comparison to C++, Java, Python, and/or Scala** | **30** |  |
| Philosophy | **5** |  |
| Location it is used | **5** |  |
| Where it excels, Where it fails (4 each) | **8** |  |
| Portability, Simplicity, Orthogonality, Reliability (3 each) | **12** |  |
| **Syntax, OOP** | **12** |  |
| Q1 | **3** |  |
| Q2 | **3** |  |
| Q3 | **3** |  |
| Q4 | **3** |  |
| **Parsing, Binding, Type system, and data type range** | **12** |  |
| Q1 | **3** |  |
| Q2 | **3** |  |
| Q3 | **3** |  |
| Q4 | **3** |  |
| **Function/OOP/specialties** | **12** |  |
| Q1 | **3** |  |
| Q2 | **3** |  |
| Q3a | **3** |  |
| Q3b | **3** |  |
| **Sample code** | **90** |  |
| Code # of files that meet the ideas of the SOLID principles | **20** |  |
| Required # of distinct pieces of functionality | **20** |  |
| Required # functions | **20** |  |
| Basic usage code (-2 for minor issue) | **10** |  |
| **Pitch** | **28** |  |
| Language version | **2** |  |
| Philosophy | **4** |  |
| Why should it be used | **4** |  |
| Where it is commonly use (or would like to see it used) | **2** |  |
| Basic usage of the language | **4** |  |
| The problem | **2** |  |
| Why it should be used to solve the problem | **4** |  |
| Code **for your “problem,”** ***running,*** with all pieces of functionality | **6** |  |
| View other videos to completion before our final exam time ends (4 points each) | **16** |  |
| **Total** | **200** |  |