**Start: 03/07/2021** **Deadline: 03/26/2021** **Time: 20 days**

**Planned Effort**

**Initial start:**

* Clone the master Github repository into our personal repository
* Get an understanding of how to write the compiler

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **0** | **0** | **0** | **0** | **0** | **0** | **5** |

**03/08/2021 – 03/15/2021:**

* Get the lexer to work
* Start working on the parser

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **0** | **3/0** | **3/0** | **0** | **0** | **3** | **3** |

**03/16/2021 – 03/21/2021:**

* Write the code generator
* Connect everything together into a working basic C compiler

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **0** | **3/0** | **3/0** | **0** | **0** | **3** | **3** |

**03/21/2021 – 03/26/2021:**

* Implement as much bonus features as we can

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **3** | **3** | **3** | **3** | **3** |  |  |

**Level of completion of the project**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Week 1 | Week 2 | Week 3 |
| Lexer (completion %) | 100% | 100% | 100% |
| Parser (completion %) | 0% | 75% | 100% |
| Godegen (completion %) | 0% | 10% | 70% |
| Compiler (completion %) | 10% | 70% | 80% |

**Actual Effort**

**Initial start:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **0** | **0** | **0** | **0** | **0** | **0** | **5** |

**03/08/2021 – 03/14/2021:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** |  | **6** |  | **6** | **6** |  | **6** |

**03/15/2021 – 03/21/2021:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **6** | **6** | **8** | **8** | **8** | **6** | **7** |

**03/21/2021 – 03/26/2021:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mon.** | **Tue.** | **Wed.** | **Thu.** | **Fri.** | **Sat.** | **Sun.** |
| **Hours spent** | **6** | **6** | **7** | **8** | **10** |  |  |