



# PROJECT PLAN. WRITING A C COMPILER. WEEK 3.

Code Synaptics.

December 28, 2022  
Compilers, Group 5.

Customer:  
Ortigoza Marquez Norberto Jesús

Code Synaptics Team:  
Argüello León Dante Moisés (PM)  
Carreto Velázquez Miguel Ángel (System Architect)  
Pérez Quintana Arturo (System Integrator)  
Recinas Barajas Carlos Eduardo (Programmer)  
Robledo Aguirre Eduardo (Tester)

## NQCC Compiler. Week 3

**Objective.** Implement the third part of Nora Sandler's C compiler using Elixir, by the end of the third version, we will be able to compile the following binary operators, and all the W1 and W2 cases.

Addition +  
 Subtraction -  
 Multiplication \*  
 Division /

### Project Plan

Date or Period	Activities	Responsible
5/Dec/2022	Meeting in Google Meet to review the new tasks to be done for the week3 updates. An assignment of responsibilities was made.	Everyone
7/Dec/2022	Changes were made to the Lexer to add the binary operator tokens.	System Architect (Miguel Carreto), Tester (Eduardo Robledo).
7/Dec/2022 to 15/Dec/2022	Parser development period, with respect to the new grammar.	Tester (Eduardo Robledo), System Integrator (Arturo Quintana).
16/Dec/2022	Meeting in Google Meet to review progress.	Everyone.
15/Dec/2022 to 26/Dec/2022	Parser Test addition period.	Tester (Eduardo Robledo), System Integrator (Arturo Quintana) and Programmer (Carlos Recinas).
15/Dec/2022 to 26/Dec/2022	Development period of the Code Generator.	PM (Dante Argüello), System Architect (Miguel Carreto).
17/Dec/2022	Contact the Customer assistant to schedule the delivery of week 3, through Discord.	PM (Dante Argüello)
27/Dec/2022	Test addition for Code Generator.	System Architect (Miguel Carreto).
27/Dec/2022	Finishing the documentation, the team members will have to generate their conclusions and their slides for the presentation in Canva.	Everyone.
28/Dec/2022	Presentation to the Customer of the changes made in Week 3.	Everyone.