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# Compiler Project

## 2019 Compiler



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# Contact (Prof. Yongjun Park)

- **Submission**

- Where: Using GitLab

- <https://hconnect.hanyang.ac.kr>

- Git Project:

- [https://hconnect.hanyang.ac.kr/2019\\_ELE4029\\_12214/2019\\_ELE4029\\_Student#.git](https://hconnect.hanyang.ac.kr/2019_ELE4029_12214/2019_ELE4029_Student#.git)

- Example URL: [https://hconnect.hanyang.ac.kr/2019\\_ELE4029\\_12214/2019\\_ELE4029\\_2019000000.git](https://hconnect.hanyang.ac.kr/2019_ELE4029_12214/2019_ELE4029_2019000000.git)

- The Submission Directory is in Repo: 1\_Scanner, 2\_Parser, 3\_Semantic, ...

- Teaching Assistant

- [compiler.teachingassistant@gmail.com](mailto:compiler.teachingassistant@gmail.com)

- If you don't have the GITLAB account, **please let him know** the account information after creation.

- **What to submit**

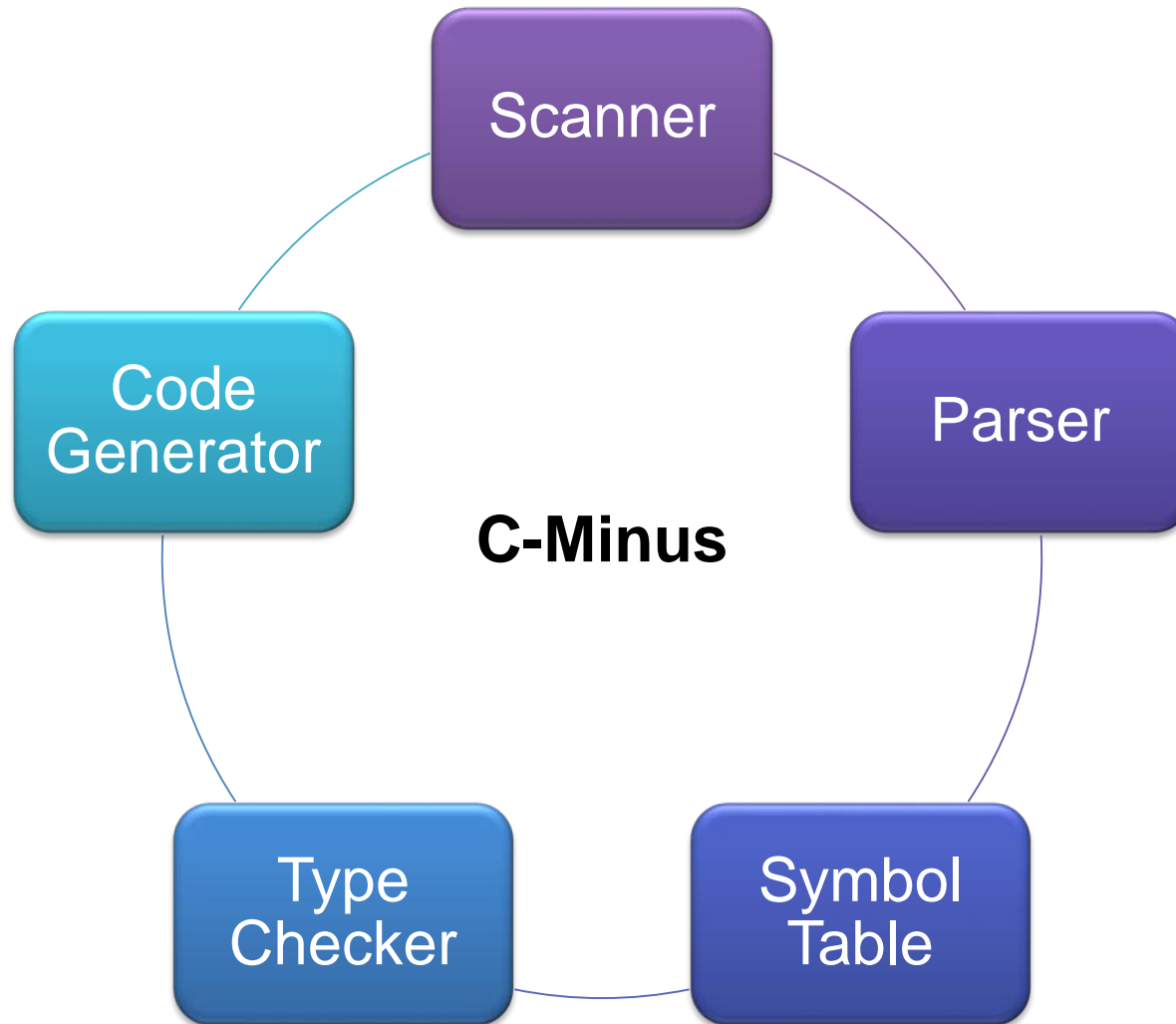
- All the source codes and the report

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# Project Overview

- **Final Goal**
  - C-Minus compiler implementation
- **Project environment (recommended)**
  - C-Minus using C
  - Tiny Machine (TM) Runtime Environment
    - *Provided by the book (Kenneth C. Louden book)*
  - **Linux : Ubuntu**
  - Windows: Windows 7 + Visual Studio 2010
    - *Not recommended, not supported, and will not get any question about this.*

# Project Overview



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# Evaluation

- **Evaluation Item**
  - Compilation (Yes/No): 20%
  - Correctness check for several samples : 70%
  - Report : 10%

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# How to Perform Projects

- **Tiny compiler source code**
  - <http://www.cs.sjsu.edu/faculty/louden/cmptext/>
- **Compilation**
  - Default Makefile is recommended
  - If you use Visual Studio, the project should be written by yourself
- **You need to add codes for C-Minus from default Tiny compiler source code.**