

SDIM252: Assignment 1 (3 points)

Write an essay explaining the **compilation process of a C++ program** and detailing **how the C++ compiler and linker operate**. Your explanation should include, but is not limited to, the following key concepts:

- Preprocessing
- Compiling
- Linking
- Translation units
- Entry point

Feel free to use examples, diagrams, or any other tools to support your explanation.

Please submit a PDF version of your assignment to the following email address:

xiezy2025@mail.sustech.edu.cn (Xie Zhengyang)

With the subject:

Assignment 1 from XXX

Before Oct. 16, 2025.