

### **SDIM252: Assignment 4 (3 points)**

Write a small essay to describe **the three** different uses of the **static** keyword with both variables and functions, i.e., in the file scope, the local scope, and the class scope, respectively.

You can use examples, figures, or any other format of tools to help illustrate your point of view.

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

**xiezy2025@mail.sustech.edu.cn (XIE Zhengyang)**

with the subject:

Assignment 4 from [Name] – [SID] (e.g., Assignment 4 from Zhang San - 12216666)

before **Dec. 11**, 2025, at 23:59.