

Course

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This course has already ended.
The latest instance of the course can be found at: [Object oriented programming with C++: 2023 Autumn](#)

3 Common problems

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3.1 Visual Studio Code

The process tried to write to a non-existent pipe

VSCode could not connect to the server. Try first lyta/kosh as an alternative to what you were using. If neither one of them works, take a normal ssh connection to the server from the terminal and remove `.vscode-server` folder with the command `rm -rf .vscode-server`. If that doesn't work (permission denied), use the `htop` command to find which process is using the files inside that folder and kill the process (`kill -9 <pid>`). After this, try `rm -rf .vscode-server` again. When the folder has been removed, you can try connecting from Visual Studio Code normally again.

3.2 Git

permission denied(publickey)

The used SSH key wasn't found on the git server.

- Make sure that you have a SSH key (instructions above)
- Make sure that you have added your SSH key to the git server (instructions above)
- Note that Windows and WSL do not use the same location for SSH keys

3.3 Compiling

undefined reference

When the compiler gives an error *undefined reference to <name>*, the given thing *name* has not been defined. Usually this means that a function has a declaration (e.g. `void function();`) in a header file but doesn't have a definition (e.g. `void function() {}`) in a source file.

This error often also happens when changes to the testing library are made (like an update).

- If you are supposed to define the given function: add a definition for it
- If you aren't supposed to define the given function or you are sure that it already has one: run `make clean` in the assignment folder. This deletes the old object files (.o files).

3.4 Running

Segmentation fault

The program crashed due to a memory problem.

Hint

Make sure that your program doesn't use memory outside of the allocated space.