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- @Date : 2021-10-22 19:10:10
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- @LastEditTime : 2021-11-23 15:46:58
- @Description : file content

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Simulation lab

Framework

```
chivier@acad ~/Projects/ICS2021-Lab/labS/simulator (main*) [03:50:36]
> tree
.
├── CMakeLists.txt
├── include
│   ├── common.h
│   ├── memory.h
│   ├── register.h
│   └── simulator.h
└── src
    ├── main.cpp
    ├── memory.cpp
    ├── register.cpp
    └── simulator.cpp

2 directories, 9 files
```

Tasks

1. learn how to use Cmake
2. read the code, understand the framework of the program, and train the ability to read the program
3. replace all `TO BE DONE` in the code with the correct code

Score

The correct code will get 95% of the marks for this experiment.

Report accounts for 5% of the score.