

Pre CQI 2023 - Debugging - 10 pts

Context

The debugging challenge is used to evaluate your competencies to debug an existing application. You will have to debug a karaoke app.

Required Software

- Your system may run any operating system you like. However we suggest **Linux**. Either way, you will need the following programs:
 - A c++ compiler, for example: **gcc, clang, MSVC (Visual Studio)**
 - **cmake**

Delivery

You must deliver an archive containing the files in `debug/`

Instructions

- You must fix the code located in `src` to make it compile and pass the tests
- The `CMakeLists.txt` file do not contain any errors and must not be modified.
- The tests located in `tests/` do not contain any errors and must not be modified. All compilation errors and test errors must be fixed by modifying the code in `src/`

Compiling and running tests

Compilation

```
```shell script mkdir build cd build cmake .. cmake --build .
```

```
Running the tests
```shell script
# In the build directory
./test/karaoke_test
```