

Part 1

// set a variable cmake_module_path

```
set ( CMAKE_MODULE_PATH "${ CMAKE_CURRENT_SOURCE_DIR }/ cmake_modules /" ${ CMAKE_MODULE_PATH })
```

// make some standards for the CXX compiler

- set (CMAKE_CXX_STANDARD 14)

```
set ( CMAKE_CXX_STANDARD_REQUIRED ON)
```

```
set ( CMAKE_CXX_EXTENSIONS OFF )
```

- set (CMAKE_CXX_FLAGS_DEBUG "-O0 -g - DEIGEN_INITIALIZE_MATRICES_BY_NAN ")

```
set ( CMAKE_CXX_FLAGS_RELWITHDEBINFO "-O3 -DNDEBUG -g - DEIGEN_INITIALIZE_MATRICES_BY_NAN ")
```

```
set ( CMAKE_CXX_FLAGS_RELEASE "-O3 -DNDEBUG ")
```

```
SET ( CMAKE_CXX_FLAGS " -ftemplate - backtrace - limit =0 -Wall -Wextra ${
```

```
EXTRA_WARNING_FLAGS } -march =${ CXX_MARCH } ${ CMAKE_CXX_FLAGS }")
```

// add executable files with its location

- add_executable (calibration src / calibration . cpp)

//link the libraries to the executable files

```
target_link_libraries ( calibration Ceres :: ceres pangolin TBB )
```