classwork 1

task 1

1. Run a program from the lecture-1-4 (chapter 1-4 in the book). A command line to compile using g++ on Ubuntu OS: `g++ -std=c++17 1.cpp -o a`

task 2

Add a new function goodbye which prints out the message: *"Goodbye Concurrent World\n"*.

2. Rename a thread which calls the function hello from `t` to `t1`
3. Add a new thread `t2`, which calls the function goodbye
4. Join both functions

task 3

Run a separate thread and check whether it is joinable in the main thread before calling the join function.