

Exercise 5

- Task 1
 - Take <https://gitlab.com/ntnu-tdat3020/assembly-example> as a starting point
 - Change the output to “Hello World from Trondheim!”
 - This message is to be written three times to `standard error` (instead of `standard output`). Verify that the program outputs to standard error instead of standard output.
 - The program is to return an error code. Also verify this.
- Task 2
 - In C, C++ and Rust write a function that takes a string as input, and returns a new string equal to the input but where `&`, `<` and `>` is replaced respectively with `&`, `<` and `>`;
 - Write examples with outputs where you use this function in the `main()` functions in the various programming languages
- Task 3
 - Follow the instructions [here](#) to make a dynamic library and to reference this library from the executable `c_example`
 - In the function `another_function` there is a typing error. Fix this, update the dynamic library containing this file, and run `c_example` again (without recreating `c_example` after you fixed `another_function`). What is the result?