

Hello World in Assembly

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This exercise must be done inside the clone of your own fork of the skeleton git repository.

1 Presentation of the files

The file `hello.asm` contains an assembler file that needs to be completed. This is the main file you need to change.

The file `makefile` contains the instructions for the compilation.

2 Goal of the exercise

The goal of this exercise is to work on a small Assembler file, to compile and run it. It should write the string “Hello world!” with a Line Feed in the end on the standard output.

3 Expected Output

The program must have the following behaviour:

```
machine-:$ ./hello
Hello world!
machine-:$ ./hello
Hello world!
```

4 Upload the result to the Git repository

You must upload the file you wrote `hello.asm` to the repository.

```
machine-:$ git add hello.asm
....
machine-:$ git commit -m"solution for exercise 1"
....
machine-:$ git push origin master
```

5 Get feedback

You can inspect the results of the automated tests for your program inside gitlab CI (<https://gitlab.ti.bfh.ch>, go to CI/CD > Jobs in your forked project). There, you will also find the amount of points given.