Chapter III

Setup

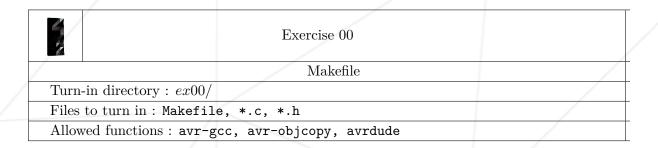|	Exercise 00
	Makefile
Turn-in directory : *ex00/*	
Files to turn in : `Makefile, *.c, *.h`	
Allowed functions : `avr-gcc, avr-objcopy, avrdude`	

- The `main.c` file should contain a main() program that does not contain any instructions.

- Write a `Makefile` file with the `all` rule that executes the `hex` and then `flash` rules.

- The `hex` rule compiles the `main.c` file into `main.bin` with an F_CPU variable to select the microcontroller frequency. Then it generates the `main.hex` file from the `main.bin` file.

- The `flash` rule copies the `main.hex` file into the microcontroller's flash memory.

- The `Makefile` must also implement the `clean` rule that deletes the `main.hex` and `main.bin` files.