Practical 7

The purpose of this prac is just to get a very simple C project compiling and linking, as well as writing to memory addresses in C.

Download the attached files.
They are:

stm32f051_startup.s   : contains the vector table and initialisation code
stm32f051_linker_script.ld   : tells the linker which segments must be place where in memory
main.c   : a semi-empty C source code file which you should modify.

Although the C file does nothing, these files are able to compile.
Suggestion: don't modify the files until your compile process is working properly.

Part 1:
Writing a makefile to build the project. It should be called "Makefile" (no file extension)
My makefile had 4 rules in it.
I advise that you try out your recipe commands individually in a terminal before writing the makefile.

Part 2:
Modify the C source code file to set the registers such that the pattern 0xAA is displayed on the LEDs.

Marking:
Pattern 0xAA is found on LEDs: 3/3