In this assignment, you are required to download and install the latest VMware Workstation Player from www.vmware.com and create a new virtual machine after downloading the latest Ubontu Linux distribution from www.ubunto.com. If you already have an Ubonto linux machine, then you may use it, however it is recommended that you use a virtual machine for assignments that pertain to developing kernel modules. Please note that Mac OS is not the preferred system for this class and it behaves differently from Linux when used with pthreads. As such, you should install Linux even if you have a Mac OS.

After successfully installing and running Linux, create a new directory called hw1 in your home directory and then use one of the pre-installed editors (e.g. vi, gedit, emacs, etc) or download an editor of your choice.

Write a C program that prints the text "Hello world!" on the first line, and then prints a random number whose value is between 0-199 on the next line. Your program shall then leave a blank line and then exit.

You should use gcc for compiling your program.