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**Roll No: 41**

**Batch: S2B RMCA**

**Date: 06/06/22**

**NETWORKING & SYSTEM ADMINISTRATION LAB**

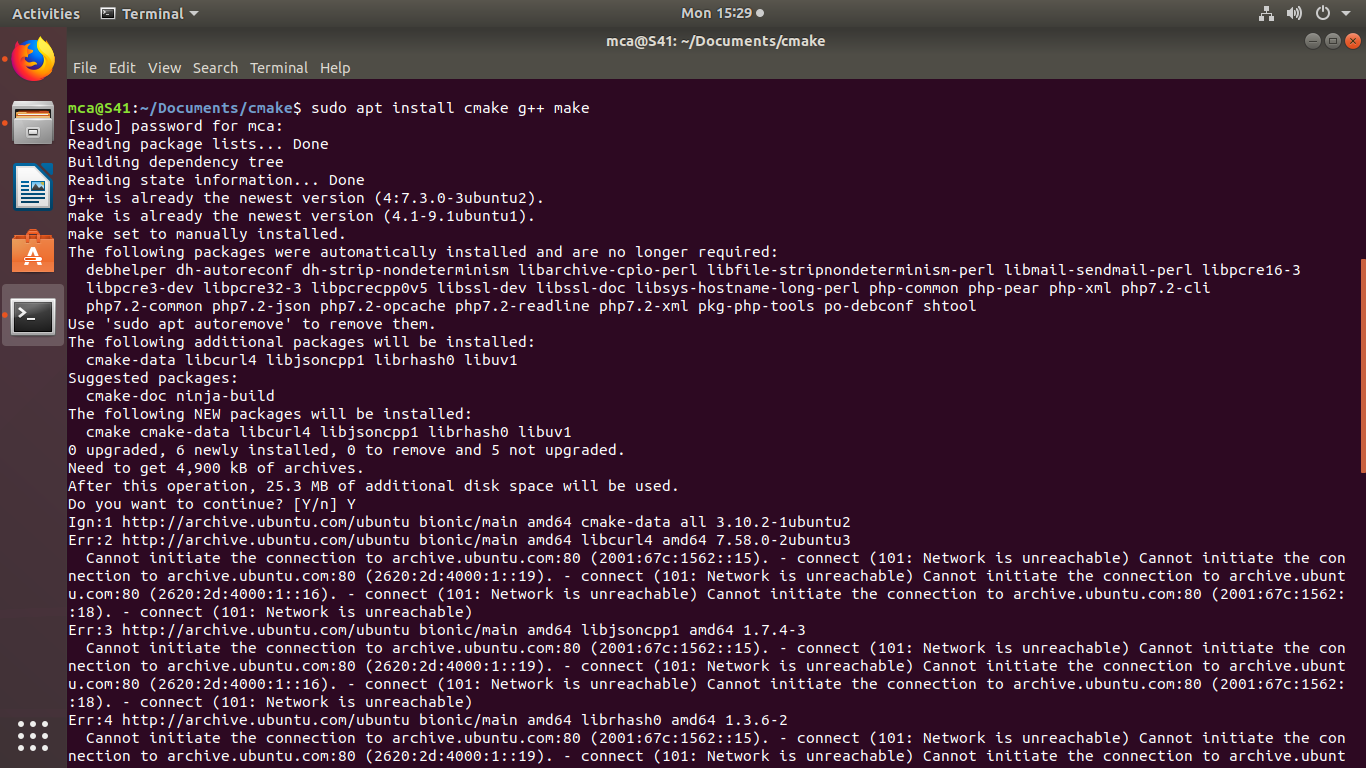
**Experiment No.: 27**

**Aim**

Cmake

**Procedure**

1. **Sudo apt install cmake g++ make : To install cmake , g++ and make using the apt command.**



1. **mkdir myproject :** creating a different directory for our project using the [mkdir](https://www.linuxfordevices.com/tutorials/linux/the-mkdir-command-in-linux) and [cd](https://www.linuxfordevices.com/tutorials/linux/cd-command-in-linux) commands.



1. Now create a C++ source file named Hello\_world.cpp and add the following :

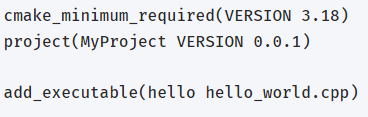




1. Create a CMakeLists.txt file(with this exact capitalization) which is required by CMake:



The CMakeLists.txt file for this project will only contain these three lines:

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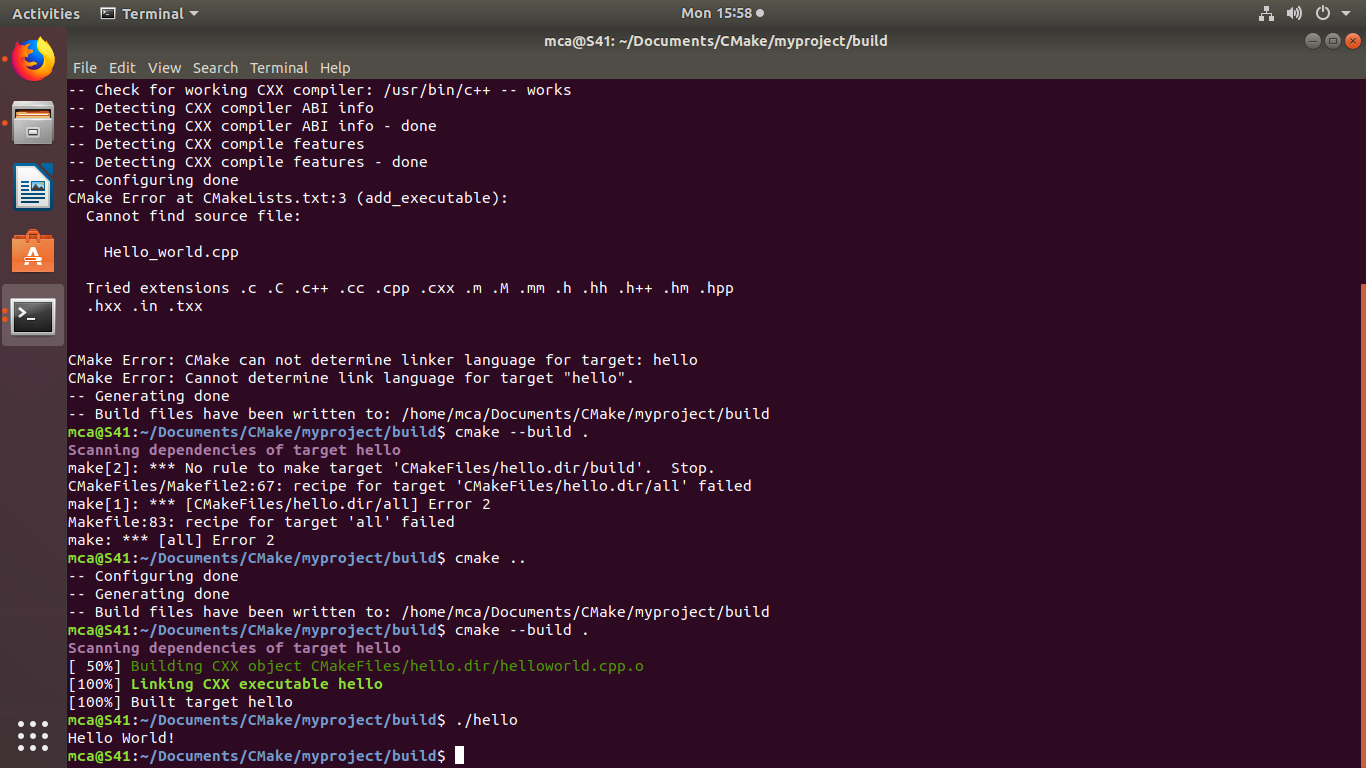
1. Build directory for executables :



1. To run cmake we need to change into the build directory:



**7.cmake –build :** To generate the executable simply by typing:



1. **./hello :** Run the executable by typing:

