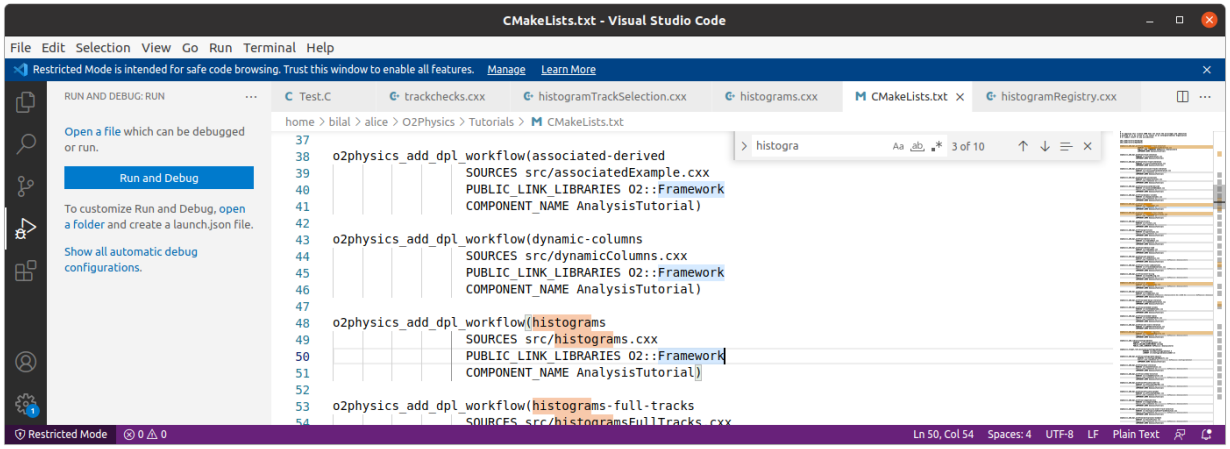
# Instructions for Running the tutorial file

1) mkdir O2Tutorial
2) cd O2Tutorial
3) enter into the environment like **“alienv enter O2Physics/latest-master-o2”**
4) Copy input file **“AO2D.root”** in folder O2Tutorial
5) In place of “**o2-analysis-my-awesome-task**” use “**o2-analysistutorial-histograms**”. The link to the location of this tutorial file is “**/alice/O2Physics/Tutorials/src/histograms.cxx**”
6) Make sure that this macro present in the “**CMakeLists.cxx**” having location “**/alice/O2Physics/Tutorials/CMakeLists.cxx**”
7) In CmakeLists.cxx file make sure that this histogram present in this file like



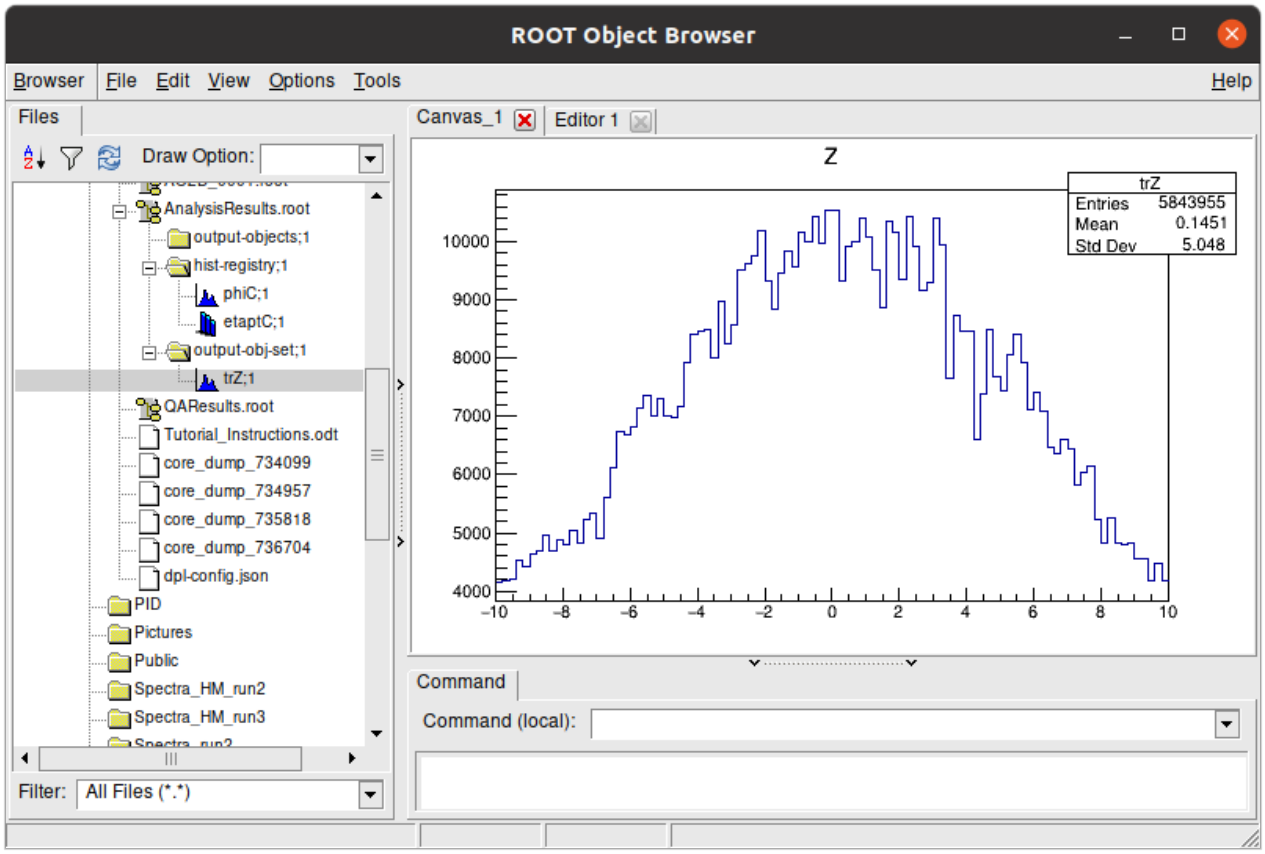

where in workflow “**histograms**” is the arbitrary name given to the file. Location is in SOURCES like that.

8) Now Run the tutorial task which is **“o2-analysistutorial-histograms”** with the command **“o2-analysistutorial-histograms --aod-file AO2D.root -b”** .

9) Output file created with name **“AnalysisResults.root”**

10) **root “AnalysisResults.root”**

11) **new TBrowser**




12) In this way you can also add piping by using “|” to add other supporting macros to define cuts or track selections like that **“o2-analysistutorial-histograms --aod-file AO2D.root | o2-analysis-trackselection | o2-analysis-trackextension | o2-analysis-pid-tpc | o2-analysis-pid-tofl o2-**

**analysis-centrality-table | o2-analysis-event-selection | o2-analysis-multiplicity-table | o2-analysis-timestamp -b"**

**Note:** If you want to add another histogram in **"histograms.cxx"** then first save and then rebuild with the following command **"`aliBuild build O2Physics --defaults o2`".**