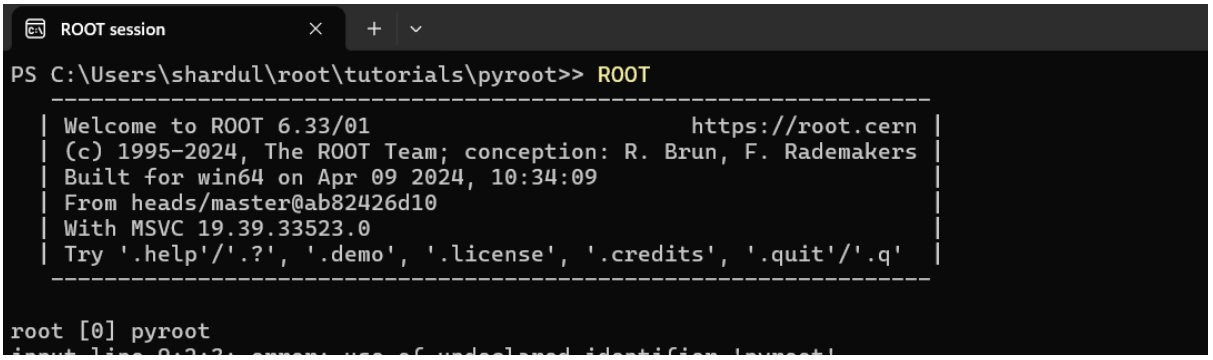
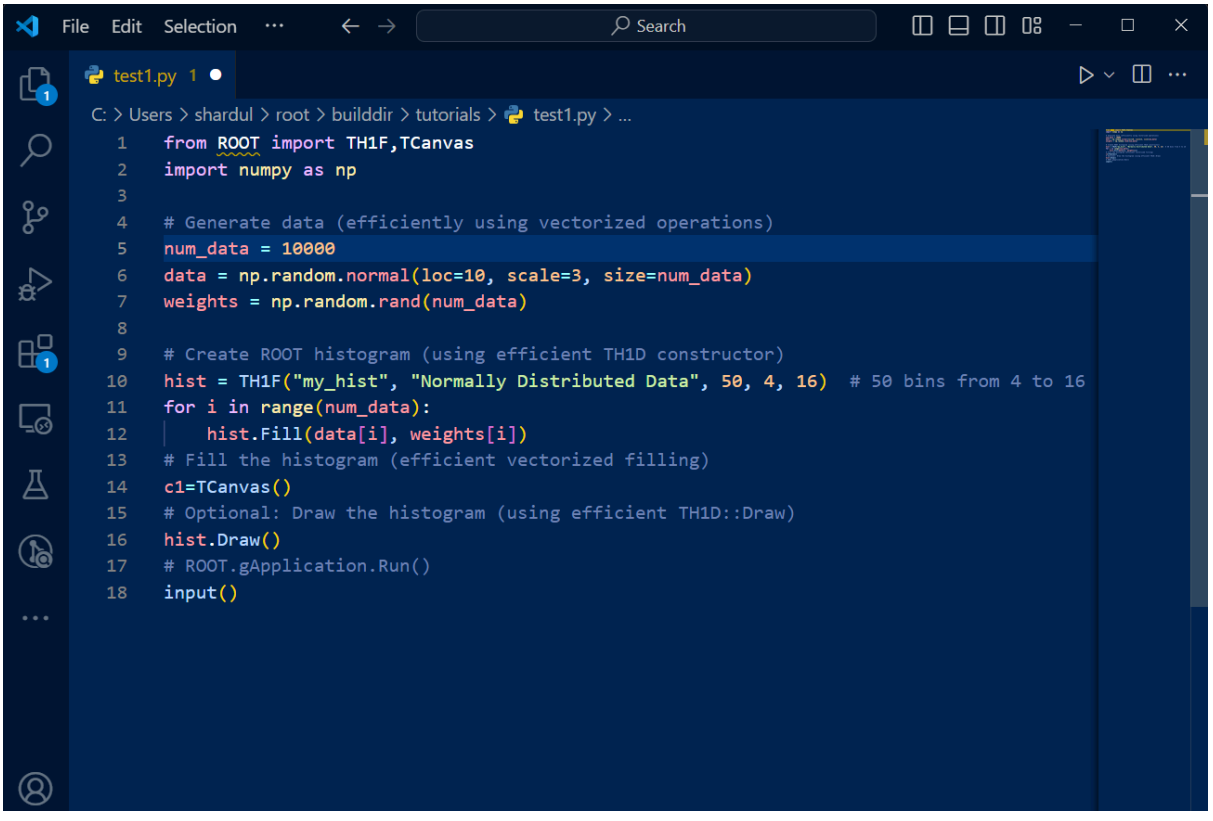
Name: Shardul Khade
Task: Exercise 1
Project: Histogram Pythonization
Improve Python Interface for Histograms

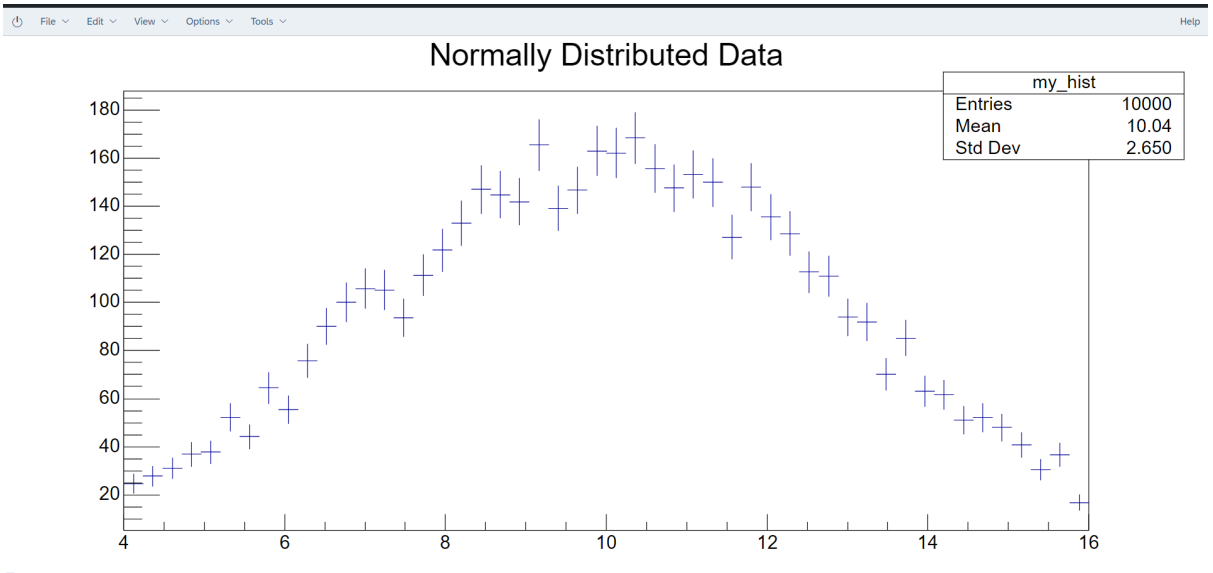
Exercise 1 - Write Python code to fill ROOT histogram

After having familiarized with ROOT and ROOT histograms, provide some Python code doing the following, using the less code possible and being most efficient in term of computations (CPU time).

Generate a vector of data (e.g. numpy) normally distributed with mean 10 and standard deviation 3. Fill a ROOT histogram with the obtained data.






File
Edit
View
Options
Tools
Help
Normally Distributed Data
my_hist
Entries 10000
Mean 10.04
Std Dev 2.650
180
160
140
120
100
80
60
40
20
4
6
8
10
12
14
16