COMPUTING METHODS IN HEP   **Exercise 5**   **Spring 2023**
(To be returned by 10:15 on Friday 24.2.)

1. Write a ROOT script which produces N (N=1000) normally distributed random numbers. Fill a root tree (TTree) with them and save the tree into a root file (TFile).

2. Write a ROOT script to read the data saved in the root file in item 1. Plot the data. Modify the figure so that the histogram is shown with a thicker black solid line, and the histogram area is filled with yellow color. Use white background color. Add x and y axis labels. Fit the histogram.

Please push your results into your public git repository.