

```
void makeTree()
{

    TFile *file = new TFile("testTree.root","recreate"); //opening the ROOT file
    TTree *T = new TTree("T","test tree"); //creating the Tree

    Float_t x,y,z; //local variables

    //Defining the branches
    T->Branch("x",&x,"x/F");
    T->Branch("y",&y,"y/F");
    T->Branch("z",&z,"z/F");

    for(Int_t i=0;i<100000;i++){
        x=gRandom->Gaus(3,2); //gaussian
        y=gRandom->Gaus(10,3); //gaussian
        z=gRandom->Exp(3.); //expo
        T->Fill();//filling the Tree
    }

    T->Write(); //writing the Tree on the ROOT file
    file->Close(); //closing the ROOT file

}
```