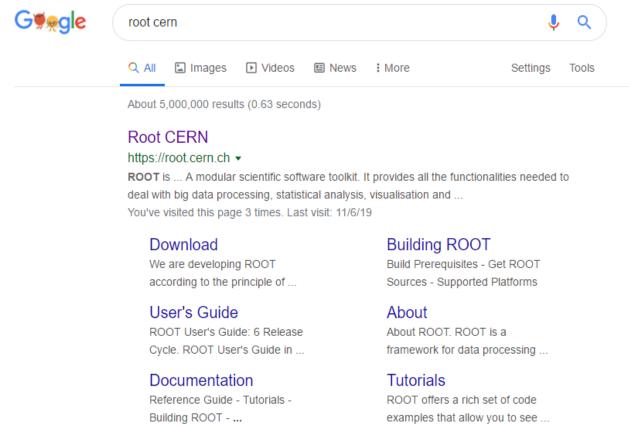
Muhammad Farooq (Experimental High Energy Physics)

Installation of Data Analysis Software (ROOT CERN)

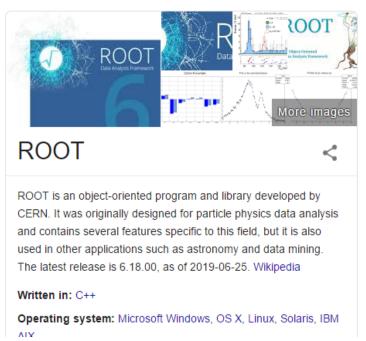
 First, we have to download the ROOT software .exe file for windows from the web link of ROOT CERN site.

• First open any browser and write root cern and press enter. Its open a

window.



More results from cern ch »



Link for root cern site (https://root.cern.ch/)

• To see the releases open link (https://root.cern.ch/releases). And scroll down the windows and see the release of version 5 which is suitable for your windows platform. Version 5

Release 5.34/38 - 2018-03-12	Release 5.27/04 - 2010-06-30
Release 5.34/36 - 2016-04-05	Release 5.27/02 - 2010-04-27
Release 5.34/34 - 2015-10-02	Release 5.26/00c - 2010-07-23
Release 5.34/32 - 2015-06-23	Release 5.26/00b - 2010-02-11
Release 5.34/30 - 2015-04-23	Release 5.26/00a - 2010-01-19
Release 5.34/28 - 2015-03-24	Release 5.26/00 - 2009-12-14
Release 5.34/26 - 2015-02-20	Release 5.25/04 - 2009-11-24
Release 5.34/25 - 2015-01-12	Release 5.25/02 - 2009-10-01
Release 5.34/24 - 2014-12-02	Release 5.24/00b - 2009-10-11
Release 5.34/23 - 2014-11-07	Release 5.24/00 - 2009-06-30
Release 5.34/22 - 2014-10-10	Release 5.23/04 - 2009-04-23
Release 5.34/21 - 2014-09-09	Release 5.23/02 - 2009-02-26
Release 5.34/20 - 2014-08-13	Release 5.22/00j - 2010-04-23
Release 5.34/19 - 2014-07-09	Release 5.22/00i - 2010-03-31
Release 5.34/18 - 2014-03-14	Release 5.22/00h - 2010-02-11
Release 5.34/17 - 2014-02-24	Release 5.22/00g - 2010-01-25
Release 5.34/14 - 2013-12-16	Release 5.22/00f - 2009-12-07

• Now open this release which is suitable for your windows platform.

https://root.cern.ch/content/release-53436

- And after open this link you see like this:
- Then scroll down this Windows.

Download	Documentation	News	Support	About	Development	Contribute
Home						

Release 5.34/36 - 2016-04-05

Highlights

Bug fix release.

Release Notes

The release notes for this release can be found here. The fixed/completed list of JIRA tickets are:

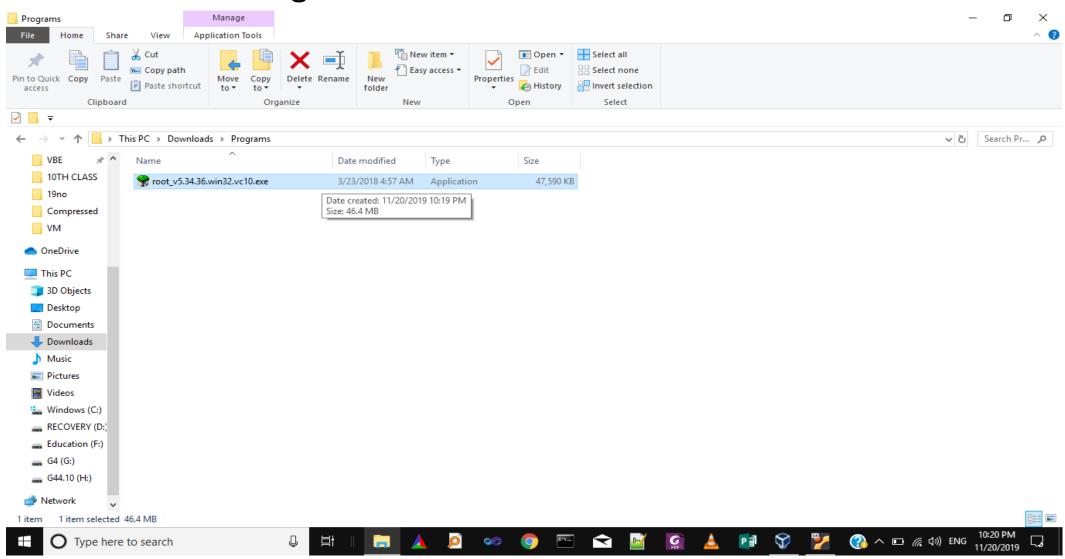
- [ROOT-3234] make install fails when configured with afs
- [ROOT-4352] Some compilation errors in /net/auth/src/TAFS.cxx
- [ROOT-4399] TString::Tokenize() with subsequent delimiters
- [ROOT-6923] Memory leak with circular TTree
- [ROOT-7689] Crash in TGaxis::PaintAxis() in certain cases when using time format
- [ROOT-7693] configure builds libSQLite, but TSQLServer needs libRSQLite.
- [ROOT-7703] TNetXNGFileStager::Locate does not give same answer as TXNetFileStager::Locate
- [ROOT-7742] a bug in this root.sh (ROOT env setup) for bash
- [ROOT-7756] AliEve (based on TEveManager) crashes on El Capitan
- [ROOT-7758] Configuration of 32 bit build is wrong on 64 bit systems
- [ROOT-7766] SetTimeDisplay is set to false when SetLogy is enabled

• Now open this link to download the release of version 5:

https://root.cern.ch/download/root v5.34.36.win32.vc10.exe

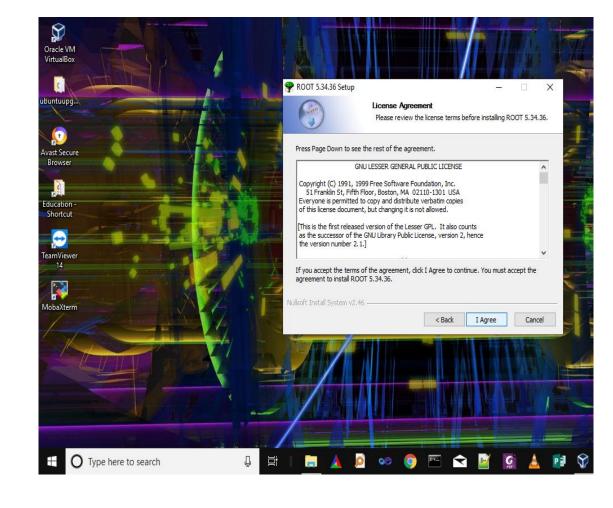
	Ubuntu 12 gcc4.6	root_v5.54.56.Linux-ubuntu12-x86_64-gcc4.6.tar.gz	58M
	Ubuntu 14 gcc4.8	root_v5.34.36.Linux-ubuntu14-x86_64-gcc4.8.tar.gz	62M
	OsX 10.9 clang60	root_v5.34.36.macosx64-10.9-clang60.dmg	56M
	OsX 10.9 clang60	root_v5.34.36.macosx64-10.9-clang60.tar.gz	56M
	OsX 10.10 clang70	root_v5.34.36.macosx64-10.10-clang70.dmg	57M
	OsX 10.10 clang70	root_v5.34.36.macosx64-10.10-clang70.tar.gz	56M
	OsX 10.11 clang70	root_v5.34.36.macosx64-10.11-clang70.dmg	58M
	OsX 10.11 clang70	root_v5.34.36.macosx64-10.11-clang70.tar.gz	58M
	Windows Visual Studio 2010 (dbg)	root_v5.34.36.win32.vc10.debug.exe	92M
	Windows Visual Studio 2010 (dbg)	root_v5.34.36.win32.vc10.debug.zip	140M
	Windows Visual Studio 2010	root_v5.34.36.win32.vc10.exe	46M
	Windows Visual Chudia 2010	east of 77.72 win 70 we10 vin	47M

After downloading this root cern install this:



 After downloading double click on this
Now agree the license: file. Its open like a window and click on Next:

Oracle VM VirtualBox ROOT 5.34.36 Setup Welcome to the ROOT 5.34.36 Setup Wizard This wizard will guide you through the installation of ROOT Avast Secure It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your Click Next to continue. O Type here to search

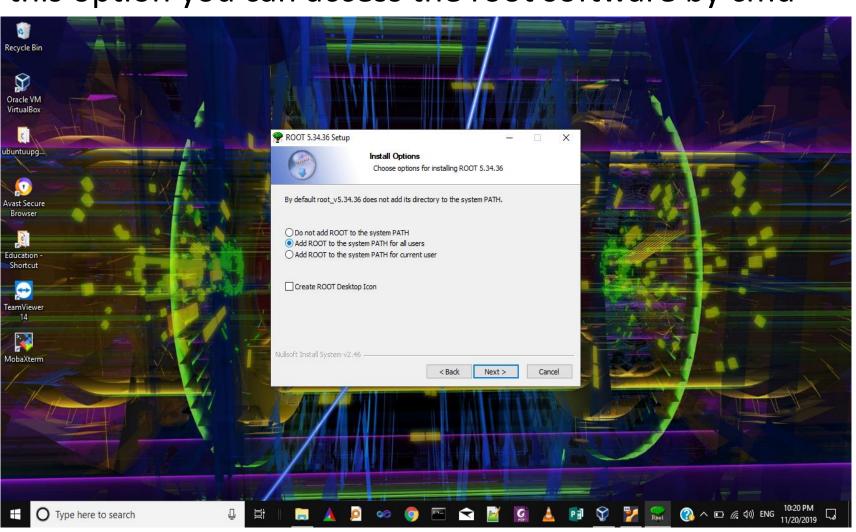


Installation Root Cern

 Now after click on the Agree License and click on the second option, by choosing this option you can access the root software by cmd

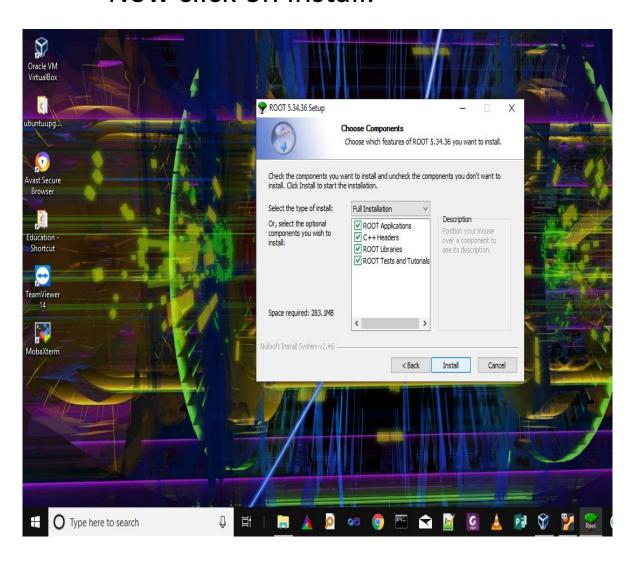
command.

And clickOn next nextNext.

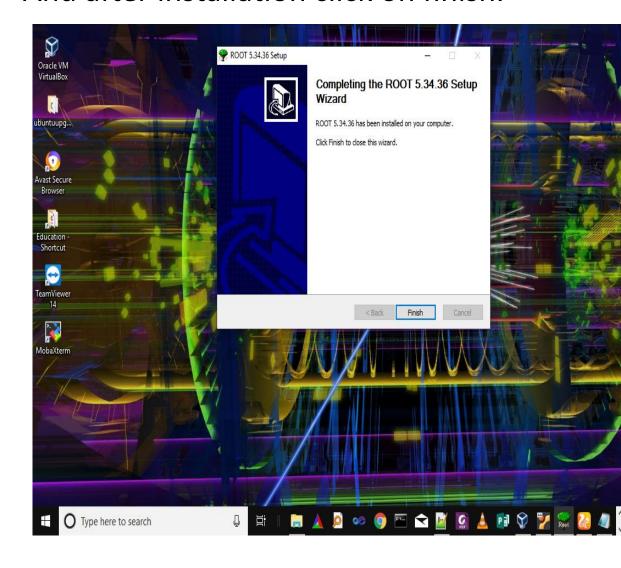


Installation Root Cern

• Now click on install.



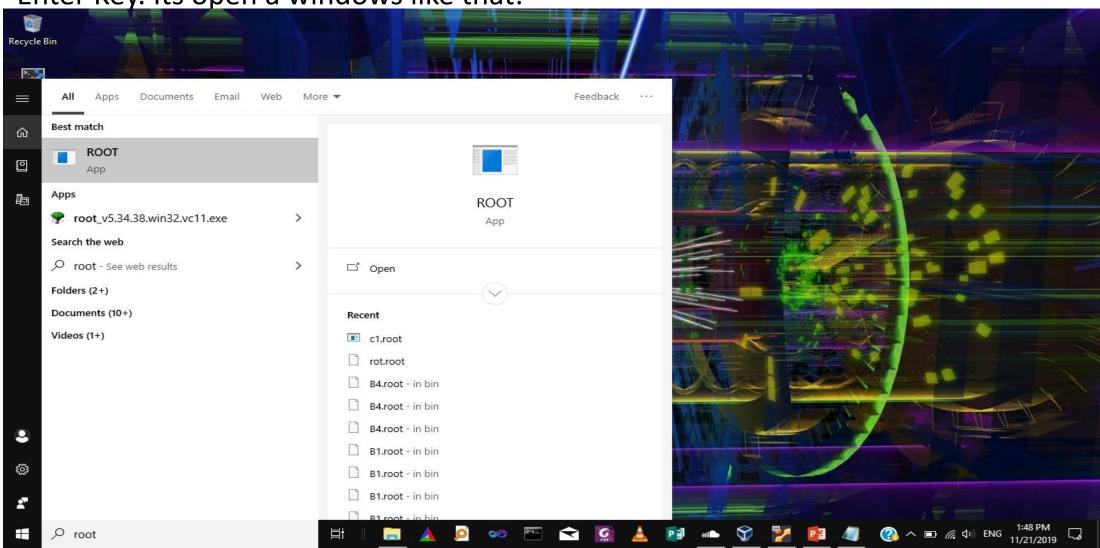
And after installation click on finish.



Open the ROOT

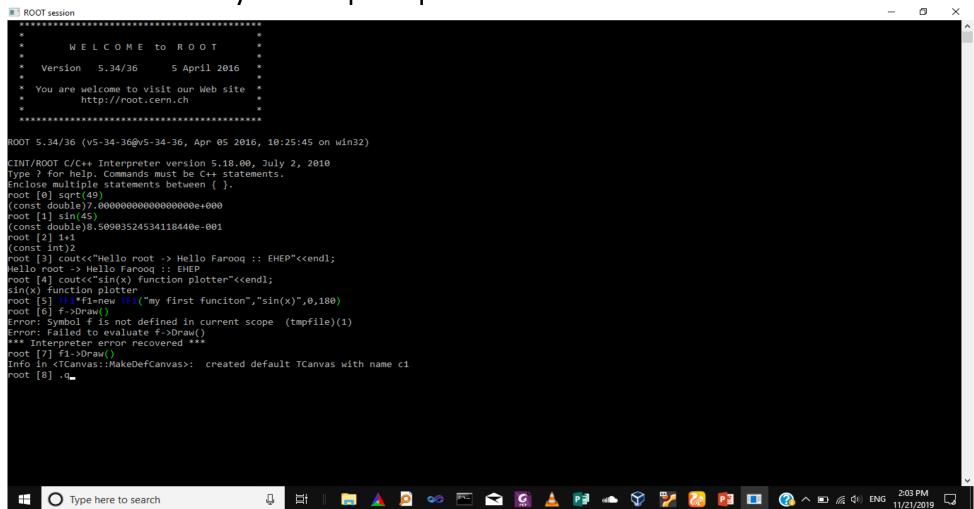
• To open the root software go on the "Start menu" there write root and press

Enter Key. Its open a windows like that:



Root as Function Plotter

- Here a following scripts I write on the root to draw the sin(x) between range [0,180].
- And then at the last by write .q and press enter to close the root session.



To write a block of scripts

- We can use a Notepad++ editor.
- First we have to download and install this Notepad++.

https://notepad-plus-plus.org/downloads/

Then open the below link:

https://notepad-plus-plus.org/downloads/v7.8.1/

For windows 64-bit x64 you have to use the below link:

http://download.notepad-plus-plus.org/repository/7.x/7.8.1/npp.7.8.1.Installer.x64.exe

Now after download the Notepad++ install this.

Notepad++

• First open the notepad++ software by double clicking on it. And click on next next, agree the licence, next next and install.