Instructions to create and save a program

Code blocks:

1) Click on **File -> New -> Project**
2) Click on **Console application**
3) Select **c++**
4) Click next
5) Give a title - **lab1_program1**
   (Select folder to store your program – **udrive** (preferred) or Desktop)
6) Click next
7) Click finish
8) In the **left window**, under projects, click on lab1_program1
9) Click on **Sources**
10) Click on **main.cpp** (You will write our code in this file)

Eclipse:

1) Open Eclipse
2) When a window pops up asking you to select the location for your workspace:
   a. Select **udive** as your workspace location
   b. Click **ok**
3) Click on **File -> New -> C++ Project** (A pop up window will appear)
4) Give a Project name - **lab1_program1**
5) Select **"Hello Word C++ project"** in the left window and select **"MinGW"** compiler in the right window
6) Click on Finish. (Your **lab1_program1.cpp** file should be open)
7) Before you begin to code make sure you **build and run** your project
   a. Go to **Project -> Build project**
   b. Go to **Run -> Run** (You must see the output "Hello World" in the output window at the bottom)
8) Now you can write your code
9) At any point of time, if you encounter a build error and there is nothing wrong with your code:
   a. **Right click** on your project in the **"Project Explorer"** window on the left
   b. Click on **Clean Project**
   c. Then, go to **Project -> Build Project**

Submission of your program:

1) You will have to submit your work on TRACS (tracs.txstate.edu)
   a. Login to TRACS with your NetID and password
   b. Go to your course site **"Fall18.CS5301.001"** (If not visible, go to "Your Sites" to find it)
   c. Click on **"Assignments"** tab
   d. You will see today's lab where you can upload your programs.

2) Uploading your programs
   a. You can zip your project1 folder, project2 folder, etc. and upload your .zip file
   b. Or, you can just upload your .cpp files
      i. Rename your **.cpp files as Program1.cpp, Program2.cpp,** etc.
      ii. Make sure your programs **don't have the same name** i.e, "main.cpp". In this case, there is a chance you might upload the same program twice.

What is udrive?

   It is your space in the TXST network, where you can store files permanently and you can access them from any TXST computer. The files in this space won't be deleted once you log out. You only can delete them.

Go to MyComputer/ThisPC -> udrive.