

Lab 0: Environment Setting

This Lab is for setting up the environment.

1. Install Integrated Developing Environment (IDE)

For Windows users:

Please download and install the Visual Studio 2015 Community Version.

Here is the link: <https://www.visualstudio.com/post-download-vs/?sku=community&clcid=0x409&telem=ga>

For Mac users:

Please search and install "Xcode" in AppStore.

For Linux users:

Please download and install Qt Creator Open Source version.

Here is the link: <https://www.qt.io/download-open-source/#section-6>

2. Create a "Hello World" Program with no compiling errors
Once you successfully installed IDE on your own system, then it is easy to create a "Hello World" Program. We will talk about the "Hello World" Program in class. If you can build and run the "Hello World" program smoothly, then there're no compiling errors.
3. Write comments
Please write a comment for each statement in your "Hello World" program. Your comments should explain the statements. Please do a research by yourself to understand each statement.
4. Good Submission
Once you finished writing your "Hello World" program with comments, you need to find out your **whole** project folder in your computer, then compress the folder into "zip" format file, then submit the "zip" file here on Canvas. That is counted as Good Submission.

Please solve all the problems of setting up your environment by the due date, then you can test and build C++ program on your own platform. That allows you following my demo coding in class from next week. If there're any problems during the environment setting process, please contact your teacher assistant or me for help immediately.

Grading Rubric:

1. Complete "Hello World" program: 35 pts.
2. No compiling errors: 20 pts.
3. Correct comments: 35 pts.
4. Good Submission: 10 pts.