Shyan Yen Due 2/6

1. Can this language be installed on any operating system? Which ones (Windows, Mac, Unix/Linux)? If not, what are its limitations?

C++ can be installed on Windows, Mac, and Unix/Linux.

Source:<https://learning.oreilly.com/learning-paths/learning-path-c/9781789533620/9781788296090-video1_2>

2. Give instructions for how to install the language.

1. Go to [www.codeblocks.org](http://www.codeblocks.org)
2. Click on Download section
3. Download binary release link
4. Click on what platform you are using (in this case I will click on Windows)
5. Download the fourth link (first 3 do not come with a compiler)
6. Click on [Sourceforge.net](http://sourceforge.net/projects/codeblocks/files/Binaries/17.12/Windows/codeblocks-17.12-nosetup.zip) to begin download and save file
7. On setup window click next and agree to the license
8. Click full install option

3. Where do you write programs in this language (e.g.: in: in a text editor, a special editor just for that language, or something else?) Related: Does this language come with a recommended programming environment? What is it? If not, how did you pick the one that you'll be using?

In this language a text editor is used along with a C++ compiler. Specifically for Windows which is the one I am using, the Code::Blocks IDE is the most popular. Source:<https://www.geeksforgeeks.org/setting-c-development-environment/>

4. How do you run programs that you write?

Build the program, then run the program. Yellow cogwheel icon builds the program and green arrow runs the program. You can also just click the yellow cogwheel and green arrow icon to simultaneously build and run program. In general to run the program, you put the cursor over the Build option in CodeBlocks then click on Run to run the program.

5. Is there a lot of boiler-plate code needed to write a program (e.g. Java)? Or can you just start writing (e.g. Python and Perl)?

I would say no there is not a lot of boiler-plate code needed to write a program in C++. A boiler-plate code can be limited if functions are used correctly therefore there won’t be any code repeated if functions are present and continuously and accurately carry out a specified code in the program. Source:<https://www.c-sharpcorner.com/UploadFile/cb92fb/what-does-boilerplate-code-means/>

6. How do you write comments in your language?

To write comments in C++ you can use the double // for a single line comment or you can use /\* to begin a multiple comment line and \*/ to end the comments.