IDE Setup notes - Eclipse CDT

Get a compiler
If you can find your compiler using the following command then GNU is installed and working (it should be default installed on ubuntu)
<mark>whereis g++</mark>

If not, from command line (ctrl-alt-T)
<mark>sudo apt-get install build-essential</mark>

Install Java if needed
if you try to run eclipse and get a 'No Java Runtime was found' then install Java SE JDK.
http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
get tar.gz follow insructions here
https://docs.oracle.com/javase/8/docs/technotes/guides/install/linux_jdk.html#BJFJJEFG

put tar.gz file where you want it
<mark>tar -zxvf fn.tar.gz</mark>

update the PATH variable to point to correct java(update .bashrc, then source .bashrc after edits)

Verify you are using correct Java from commandline:
<mark>whereis java</mark>
<mark>which java</mark>
<mark>java -version</mark>

Get Eclipse
<mark>get eclipse from here</mark> http://www.eclipse.org/downloads/packages/eclipse-ide-cc-developers/neon3

unpack it where you want it (mine is in /bin/eclipse)
run it from the eclipse.sh program in the /eclipse folder

optional 'lock to launcher' to keep it handy