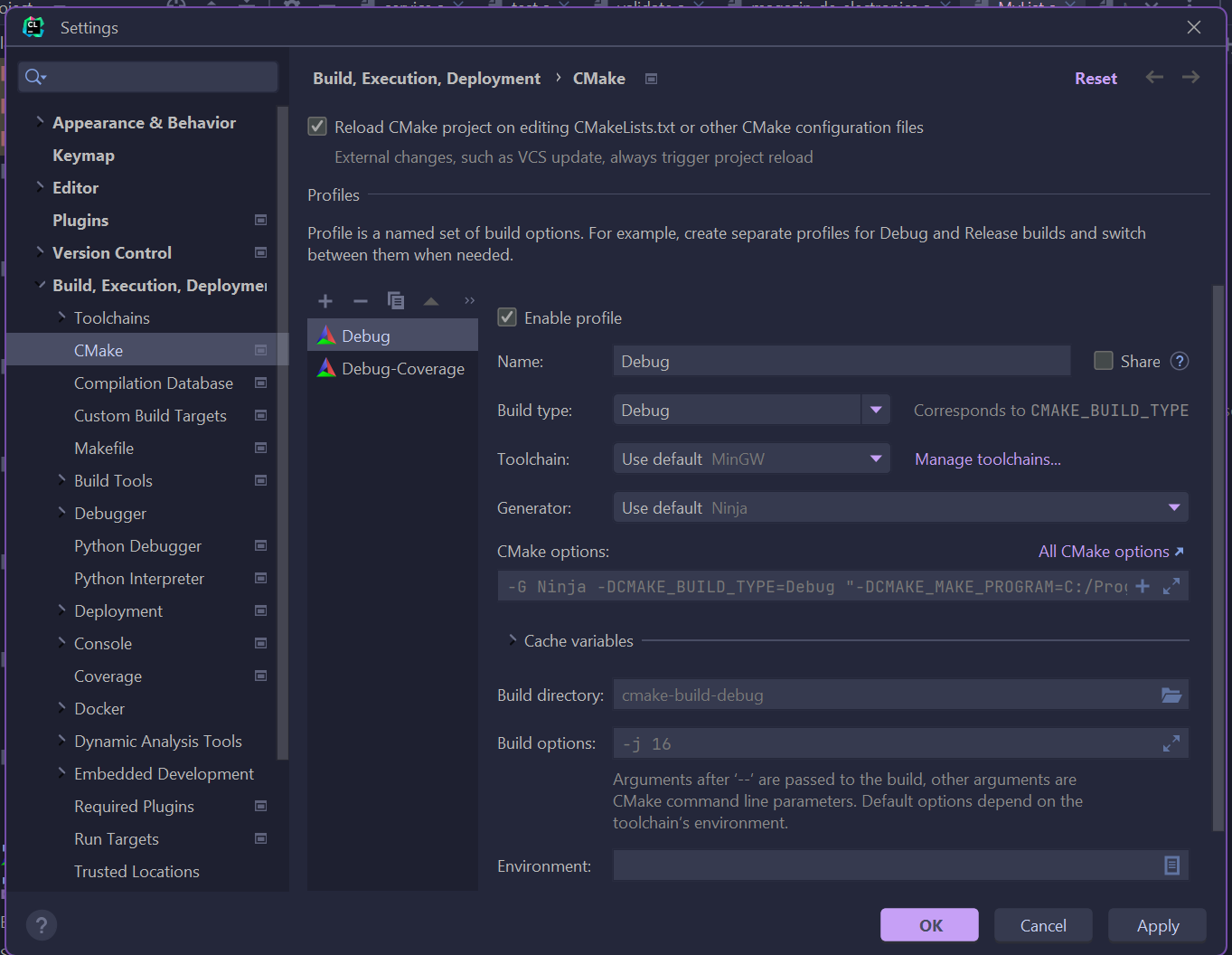
***Configuring Valgrind on Clion***

**After having installed everything, now it is time for the Clion configurations.**

**Step 1: Go to File-> Settings -> Build, Execution, Deployment, Cmake .  
 Or use the key-combination : Ctrl+ Alt + S**



*Now we need to add your CMake configuration! ( YOU HAVE TO DO THIS FOR EVERY PROJECT! It will not save across projects unfortunately…. )*

This is what it should open:

Graphical user interface, text, application

Description automatically generated

Now we need to name it and change some of the fields ( TO THIS EXACT SETTINGS).

I will just name it Valgrind.

This should be all for it. Click apply and then OK to save.

*A screenshot of a computer

Description automatically generated*

Now go back to the same window as before but go to **TOOLCHAINS**.

A screenshot of a computer

Description automatically generated with medium confidence

We need the WSL configuration. So, click plus and select it.

For me it found them all automatically .

A screenshot of a computer

Description automatically generated with medium confidence

Also just to be sure you should check if you have the right location for your Valgrind.

Go to **Dynamic Analysis Tools**, click it and then go to Valgrind.

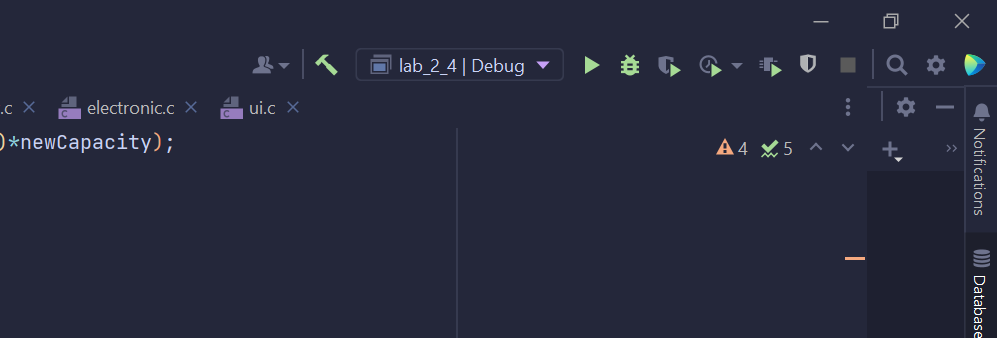
And see if it found it in your WSL configuration. If it is not detected automatically, it should be in **usr\bin** in your WSL files.

Now you can click OK.

A screenshot of a computer

Description automatically generated with medium confidence

Now look in the upper right corner :



Graphical user interface, application

Description automatically generated

Select Valgrind (or whatever name you chose)

Now just try to run it with Valgrind:

A screenshot of a computer

Description automatically generated with medium confidence

I commented something in the program to have a memory leak:  
Text

Description automatically generated  
Now go to Valgrind.  
And done ! It should show all of your memory leaks!

Text

Description automatically generated