Math Coding Labs – Instructions

# What you need: Editor, Interpreter and Code files

# Location of tools at school:

* Editor: All Programs / Notepad++
* Interpreter: All Programs / Haskell Platform / WinGHCI
* Code files: Students$ \ Alegre \ Algebra2 \ <your-teacher-and-period> \ <your-name>
* The files you need are already copied there for you.
* If you want to work at home, copy the files to a USB drive or email them to yourself.

# Instructions for working at home:

1. Download and install the editor: <https://notepad-plus-plus.org/>
2. Download and install the interpreter: <https://www.haskell.org/platform/>
3. Create a folder for the code files
4. Copy the code files into <your-folder> (see above)
5. When you arrive to school, copy your files back into your folder into the students drive: Students$ \ Alegre \ Algebra2 \ <your-teacher-and-period> \ <your-name>

# Setting up your working environment and basic workflow

1. Open the editor and the interpreter (see above)
2. Put the editor and interpreter side by side, so that you can see both at the same time.
3. Load the requested code file into both the editor and the interpreter:
   1. In the Notepad++ editor: menu / File / Open… and navigate to the file
   2. In the WinGHCI interpreter: menu / File / Load… and navigate to the same file
4. Work on the code using the editor (Notepad++)
5. When you finish, save your code. In Notepad++: menu / File / Save Choose “Save”. Do not choose “Save As..”. Do not change the name of the file. Do not save the file in a different folder. You can also save your code by just pressing Ctrl-S
6. After you save your code, you must reload it in the WinGHCI interpreter using one of these methods:
   1. Menu / File / Load… and navigate to the file
   2. Use the *Reload files* button in the toolbar
   3. Type :r and press Enter
7. Test your code in the interpreter using the specific instructions given to you.
8. If you need to modify your code, go to step 5 and repeat everything from there on.
9. To work on a different file, go to step 4 and repeat everything from there on.