

# Logging in, accessing code, and running Python

- Logging-in
  - You will be issued with a UoR username and password
  - Press ctrl-alt-del to bring up the log-in page
- Accessing python source code
  - Go to course web page: [research.reading.ac.uk/met-darc/ecmwf2020](http://research.reading.ac.uk/met-darc/ecmwf2020)
  - Choose Supplementary material ▷ Practicals.zip (left click to download)
  - Unzip using the file explorer (right click on the zip file ▷ extract all)
- Get Spyder software and run python source code
  - Choose Software ▷ Apps Anywhere
  - Search for “spyder”
  - Choose Anadonda3v5.1 (and launch)
  - Choose Spyder 3.2.8 (and launch)
  - Load python program (e.g. *Controls\_L63\_Var.py*)
  - Press F5 to do a first run (to establish module directory and to import required modules)
  - Can highlight section, press F9 to run
- Tweak Spyder’s graphics output
  - Go to tools ▷ preferences ▷ ipython console ▷ graphics
  - Change “in-line” to “automatic”
  - Apply
  - Exit Spyder and restart to take effect