

# Logging in, accessing code, and running Python (2022)

- 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 the github page
    - (Tues/Wed) [github.com/darc-reading/NCEO-DA-Var\\_EnKF](https://github.com/darc-reading/NCEO-DA-Var_EnKF)
    - (Thurs) [github.com/darc-reading/NCEO-DA-Hybrid](https://github.com/darc-reading/NCEO-DA-Hybrid)
    - (Fri) [github.com/darc-reading/NCEO-DA-Bayes\\_PF](https://github.com/darc-reading/NCEO-DA-Bayes_PF)
  - Choose Code ▸ Download ZIP
  - Open the file explorer and navigate to the downloads directory
  - Double click on the zip file
  - Extract ▸ extract all
- Get Spyder software and run python source code
  - Choose Software (Apps Anywhere)
  - Search for “spyder”
  - Choose Anadonda3 (and wait)
  - Choose Spyder 4.2.5 (and launch)
  - Load python program (e.g. *ControlsL63Var.py*)
  - Press F5 to do a first run (to establish module directory and to import required modules)
  - Can highlight section, press F9 to run