**Running program with gfortran compiler on Linux system**

- Download the package source file from **MEDOC** website : 1D_semi_infinite_atmosphere_2_level_atom_ALI.tgz
- **gfortran** compiler is required
- Unpack the package by typing the following linux command : **tar -xvzf 1D_semi_infinite_atmosphere_2_level_atom_ALI.tgz**
- **cd 1D_semi_infinite_atmosphere_2_level_atom_ALI**
- The folder contains the following files : ali.f90, general.f90, lambda_it.f90, lambda_it_simple.f90, makefile, param.f90
- **make**
- **./lambda_it**
- To plot results with **gnuplot** sofware : commands are in files lambda_it_simple.f90 (fort.92) and ali.f90 (fort.112 and fort.113)
- The folder **results** contains the output files corresponding to a test case to be able to check if your results are good
- Before running the program again, type **make clean**

Martine Chane-Yook