How to open a terminal

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- MacOSX Open Finder/Applications/Utilities/Terminal (see http://www.wikihow.com/Get-to-the-Command-Line-on-a-Mac)
- Windows Win+X and select 'Command-Prompt' (see http://pcsupport. about.com/od/commandlinereference/f/open-command-prompt.htm)
- **Ubuntu-Linux** Ctrl-Alt-T (see https://help.ubuntu.com/community/UsingTheTerminal)

Here is how a terminal looks like in Linux:

```
chrplr@is151214: -/cours/AIP2015/02_How-computers-work

File Edit View Search Terminal Help

chrplr@is151214:-/cours/AIP2015/02_How-computers-work$ pwd
/home/chrplr/cours/AIP2015/02_How-computers-work
chrplr@is151214:-/cours/AIP2015/02_How-computers-work$ ls
#how-computers-work.md# how-computers-work-nosol.pdf
how-computers-work.md how-computers-work-sol.html Makefile
how-computers-work-nosol.html how-computers-work-sol.pdf
chrplr@is151214:-/cours/AIP2015/02_How-computers-work$
```

Figure 1: Picture of a 'virtual' terminal in Linux

In the terminal, you are interacting with a program called a shell.

This program waits for you to type commands with the keyboard. In this lecture, you will just need to know very few commands:

- Linux/MacOSX pwd, cd, python, ipython
- Windows \mathbf{cmd} echo %cd%, \mathbf{cd} , \mathbf{python} , $\mathbf{ipython}$

To learn more, see the lectures 'how computers work' and 'how to use a computer interactively'.