

## Modules

- Modules
  - Give you access to additional functionality.
- Several modules make up a **package** or **library**.

## Modules

- Contain the definitions of functions (etc).

```
import digitalio  
led = digitalio.DigitalInOut(board.D13)
```



## Packages and libraries

1. Standard library:
    - <https://docs.python.org/3/library/index.html>
  2. Packages/libraries/modules available from Anaconda:
    - [https://docs.anaconda.com/anaconda/packages/py3.8\\_win-64/](https://docs.anaconda.com/anaconda/packages/py3.8_win-64/)
  3. The Python Package Index:
    - <https://pypi.org/>
- More packages/libraries/modules are floating around the net

## Practical: how to find them?

- Some resources:
  - Google
  - <https://python.libhunt.com/>

## Practical: how to install them

- Standard library:
  - Come installed - don't bother
- Anaconda packages:
  - Using the Anaconda explorer
  - Or from the Anaconda command line (`conda install package_name`)
- Python package index:
  - From the anaconda command line (`pip install package_name`)

Using anaconda navigator

