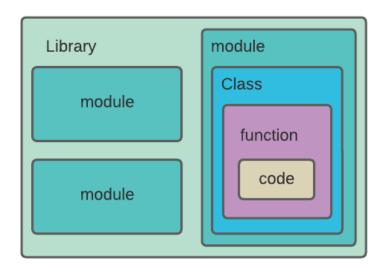
## How programmes are organised

## Background

To structure your code in a way that makes it readable and easier to scale you need to organise them in libraries, modules and classes. A library is a folder which contains all the folders related to a topic. A module is a folder, which contains all the files related to the same domain. A module is characterised by a \_\_init\_\_.py file which should be kept empty and is used to make the python interpreter aware that the folder is considered to be a module. Modules are a collection of classes. Classes are a collection of variables called properties and functions called methods.



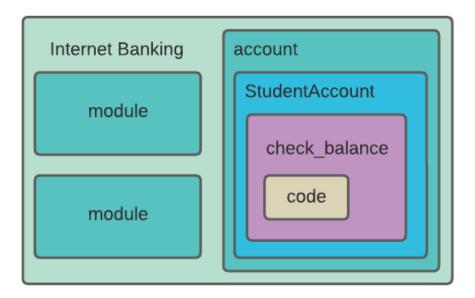
Methods are blocks of code like the following (a) which are run when the function is called as shown below (b).

Output

```
onFiles\lib\python\debugpy\adapter/../..\debugpy\
```

## Example of a library

The following example shows how a library "Internet banking" can be used organised. The library will have lots of folders, one of the folders is account the account folder has a fie called student\_account.py where there is a StudentAccount class, the StudentAccount class a check\_balance method which contains a block of code which allows you to check the account balance.



An example of the following library can be shown here <a href="kesler20/notes">kesler20/notes</a> (github.com)