

directories

Working on files that are in different directories than our code requires the support of the OS module, which contains functions to interact with the operating system.

```
import os
```

- **os.getcwd()**: gets and returns the current working directory. It will be the same one in which the program runs if it has not been modified.
- **os.chdir(path)**: change the working directory to the specified path.
- **os.makedirs(path)**: creates a folder, as well as all necessary intermediate folders according to the specified path.
- **os.path.basename(path)**: given a path, gets the filename.
- **os.path.dirname(path)**: given a path, get the directory (path) that stores the file.
- **os.path.split(path)**: returns a tuple containing two elements: the directory, and the base name of the file.
- **rmdir(path)**: deletes the directory indicated in the path.

On Windows, it is necessary to indicate paths with double backslashes (\\) so that they are correctly interpreted by Python.