

## Exercise 1 – Introduction to Python 3

### Objective

To become familiar with the environment used for this course and some basics of Python 3.

### Questions

1. Which version of Python is being used?
2. Using an editor, create a new script called **ex1.py**. Within this script, create two variables, one containing your first name and another containing your last name. Display them using **print** with a space between each one.

Run the script:

- a) From a command-line
- b) From IDLE

### If time allows...

3. Import **sys** and use it to find out what OS you are running on

## Solutions

From IDLE, open the file using the menus File/Open, which will create a new window displaying the source code. Run that code from the new window using Run/Run module (or by pressing <F5>).

### Question 1

Which version of Python is being used?

\$ **python -V**

Python 3.10.5 (depending on what you have installed)

### Question 2

Using an editor, create a new script called **ex1.py**. Within this script, create two variables, one containing your first name and another containing your last name. Display them using **print** with a space between each one.

Run the script:

- a) From a command-line
- b) From IDLE

Our solution has this code in it:

```
first = 'Fred'
last = 'Bloggs'
print(first, last)
```

Notice that separating the two variables with a comma inserts a space for us.

### Question 3

```
import sys
print(sys.platform)
```

win32 (on my machine) – this may be the MacOS version for you