

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 PyCharm.
- 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 PyCharm.
- 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.