

Lab 2.1 Intro to python statements

Do this lab in the python console.

You can start the python console by typing python on the command line this will give a prompt that looks like 3 greater than signs >>>

1. Use the console to see what 2 + 4 is.

```
>>> 2 + 4
```

2. Check that spaces don't matter.

```
>>> 2+4
```

3. Make a mistake.

```
>>> 2 2 + 4
```

4. Do the following maths on the console:

- a. Subtract 5 from 8.
- b. Multiple 21 by 55.
- c. Divide 21 by 4 and get a decimal result.
- d. Divide 21 by 4 and get an integer result.
- e. Get the remainder of 21 divided by 4.
- f. Work out 2 to the power of 8.

5. Is 2 equal to 3?

```
>>> 2 == 3
```

6. Is 2 Not equal to 3?

```
>>> 2 != 3
```

7. How would you check:

- a. Is 3 was greater than 3?
- b. Is 3 greater or equal to 3?

[Python Operators \(w3schools.com\)](https://www.w3schools.com/python/operators/)

8. Use brackets to make a statement over more than one line.

```
>>> (2 +  
... 4  
... )
```

9. Use CTRL+c to interrupt a statement.

```
>>> ( 2 +  
... 
```

Hit
CTRL+C
here

Do not
type
>>>
I only
put this
in to
indicate
the
prompt