

Handy reference sheet 1 (Python 3)

```
print("Hello world!")
```

Gives the result

```
Hello world!
```

```
print(3+4)
```

Gives the result

```
7
```

```
name = Mr Plaice
print(name)
```

First line sets the variable
The second prints it

```
Mr Plaice
```

```
name = input("What is your name? ")
print(name)
```

Asks a question,
Assigns the variable
then prints the
variable

```
What is your name?
Hello, name
```

Command - Result

- .lower - lowercase
- .title - first letter of each word caps
- .upper - all capitals
- .swapcase - changes the case of letters
- /n - adds a line break
- # - used to add comments
- """ - used to add long comments

```
num1 = input("Enter a number")
num2 = input("Enter another number")
print(num1 + num2)
```



This will print the sum of two numbers.
(IF you convert num1 & num2 to integers.)

If you enter 2 then 3 the result would be 23!

```
num1 = int(input("Enter a number"))
num2 = int(input("Enter another one"))
print(num1 + num2)
```



This time the result would be 5.



REMEMBER the difference between
STRINGS and **VARIABLES**.

Function	Description	Example	Result
float(x)	converts a floating point value	float("10.0")	10.0
int(x)	converts to an integer or number	int("10")	10
str(x)	converts to a string value	str(10)	'10'