

Lesson 1 - Variables

A variable stores some data, there are different types, eg numbers, words etc

String variable

Use to store text. You will need "" for any text. The age in this example is a string, not a number - because of the speech marks.

```
name = "Paul"
car = "VW"
os = "windows 10"
game = "snake"
age = "18"

print(name)
print(car)
print(age)

#We can get python to print out the type of data using type
print(type(car))
```

```
Paul
VW
18
<class 'str'>
```

make your own string variables.

Integers - whole numbers

```
day = 5
cost = 4.31
count = 692
height = 78.4

print(cost)
print(type(cost))

print(count)
print(type(count))
```

```
4.31
<class 'float'>
692
<class 'int'>
```

As we see above a whole number is a int - Integer and a decimal is a float (floating point number)

Boolean

A true or false

```
raining = True
```

```
running = False  
jumping = True  
  
print(raining)
```

True