- **Records** are another example of a **data structure.**
- Records are not implemented in Python.

But there is a way around this...

Records can be implemented in Python using classes - this is an advanced programming technique using an idea called object oriented programming

class Cats:

def __init__ (self, name, colour, age, alive):
self.name = name
self.colour = colour
self.age = age
self.alive = alive

This constructs the class - allows Python to understand what Cats are.

The constructor always uses __init__ and self must be the first attribute. self is then used to create the other attributes.

Individual objects of the class can then be created using code such as:

catOne = Cats("Tiddles", "Black", 7, True)

You can then use things like:

```
print(catOne.name)
```

catOne.age = 8

- if catOne.age > 10:
- if catOne.age > catTwo.age:

And you can create an array of cats:

catArray = [catOne, catTwo, catThree]

You can then iterate over the array:

for aCat in catArray:
print(aCat.name)

What attributes might a class called Cars have? How would you create those attributes? How would you create a car object?