

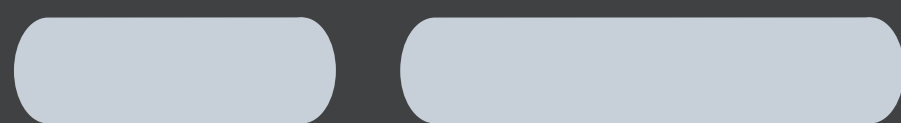
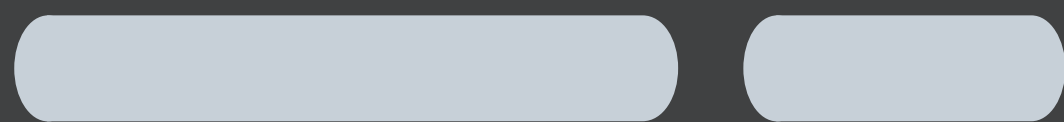
classes

Python is an **Object Oriented Programming (OOP)** language. As such, it uses and manipulates objects through their methods and properties. Classes are the tools that allow us to create objects, by "packaging" data and functionality together.

We can think of classes as the "blueprint" or "template" from which we can create individual objects, with associated properties and methods:



```
class MyObject:
```



```
new_object = MyObject()
```



Create a **class**

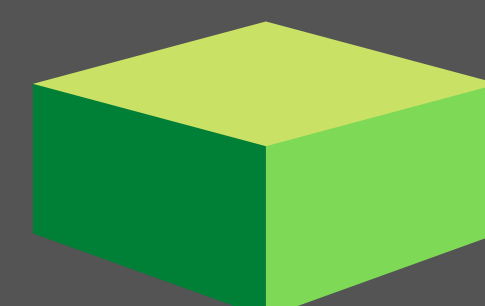
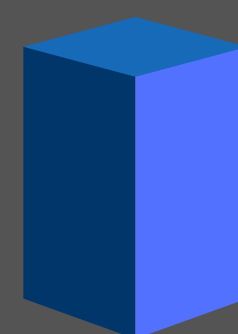


Create an **object** from
the class



this object is an
instance of the class

```
class  :
```



instances (objects)