

CLASSES AND OBJECTS

1. What is a class ?

A class is logical grouping of attributes(variables) and methods(functions)

Syntax:

```
class ClassName:  
    # class body
```

Example:

```
class Employee:  
    # class body
```

2. What is an object ?

Object is an instance of a class that has access to all the attributes and methods of that class

Syntax:

```
objectName = ClassName()
```

Example:

```
employee = Employee()  
# The object employee now has access to all the  
attributes and methods of the class Employee. You will be  
learning more about attributes and methods in the next section.
```

3. What is object instantiation ?

The process of creation of an object of a class is called instantiation