

Class and Object in Python

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In [1]: class Student:
        def stud_details(self):           #self is the obj that we are passing
            print("Enroll_no is 123 & name is XYZ")

s1 = Student()    #creating object
s2 = Student()

s1.stud_details()
s2.stud_details()

Enroll_no is 123 & name is XYZ
Enroll_no is 123 & name is XYZ
```

```
In [2]: class Student:

        def __init__(self):
            print("in init")

        def stud_details(self):           #self is the obj that we are passing
            print("Enroll_no is 123 & name is XYZ")

s2 = Student()
s1 = Student()    #creating an object, it will call __init__ automatically

s1.stud_details()
s2.stud_details()

in init
in init
```

```
Enroll_no is 123 & name is XYZ  
Enroll_no is 123 & name is XYZ
```

```
In [3]: class Student:  
  
    def __init__(self, enroll, name):  
        self.enroll = enroll  
        self.name=name  
  
    def stud_details(self):          #self is the obj that we are passing  
        print("Enroll_no is",self.enroll,"& name is",self.name)  
  
s1 = Student(123, 'Alex')          #creating an object, it will call __init__ automatically  
s2 = Student(456, 'John')  
s1.stud_details()  
s2.stud_details()
```

```
Enroll_no is 123 & name is Alex  
Enroll_no is 456 & name is John
```