



A.Y. 2022-2023

Subject: Python

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Experiment No. 04

Aim: To study and implement Classes, Objects and Inheritance in Python

Code:

Class and Object

class Person:

```
def __init__(self,fname,lname):  
    self.firstname=fname  
    self.lastname=lname  
def printname(self):  
    print(self.firstname,self.lastname)
```

```
p1=Person('Devansh','Mehta')
```

```
p1.printname()
```

```
print("Modification")
```

```
p1.firstname=('Rohit')
```

```
p1.printname()
```

```
print("Deletion:")
```

```
del(p1)
```

```
p1.printname()
```

```
Welcome Devansh Mehta to the Comps batch of 2025  
PS C:\Users\devan\OneDrive\Desktop\Python Codes> █
```

Inheritance in Python

class Person:

```
def __init__(self,fname,lname):  
    self.firstname=fname  
    self.lastname=lname  
def printname(self):  
    print(self.firstname,self.lastname)
```

class Student(Person):

```
def __init__(self,fname,lname):  
    super().__init__(fname,lname)
```

```
a=Student('Devansh','Mehta')
```

```
print("Derieving from parent class")
```

```
a.printname()
```

```
PS C:\Users\devan\OneDrive\Desktop\Python Co  
Derieving from parent class  
Devansh Mehta
```