

Object Oriented Programming:

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Procedural -->
a=10
b=20
Sum=a+b
Print(sum)

Functional
Code reusability
Recursive

Object orients

Class : a class is a blue print/template to create object ..

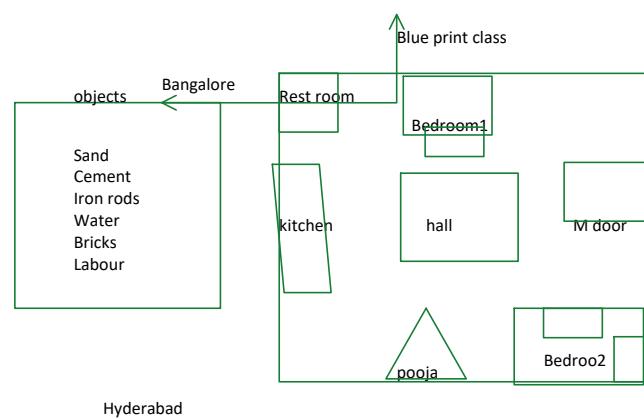
Syntax: class ClassName :
#attributes(variables)
#methods(functions)

Object : instance of a class (data--> variables)
Behaviours --> methods

Syntax: --> objectname=Classname()

How can access attribute and methods?

Objectname.attribute name
Objectname.methodname()



`__init__` function:

Constructor :
All classes have a function called `__init__()`, which is always executes with the object is being initiated

```
Class Student :  
    Def __init__(self,fullnames):  
        Self.name=fullname  
  
S1=Student("karan")  
Print(S1.name)
```

Self parameter is a reference to the current instance of a class(object), and is used to access variables that belongs to the class