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Class :-

class is a template / blueprint/Structure.

Ex :- i, class Employee :

Here employee is a class which consists of different persons

ii, Class Animal ()

Dog()

Cat()

Ex :- Here animal is a class.

Dog & Cat are objects

Inside class

Method

(java)

Outside class

function

(c)

method needs atleast 1 parameter

Program :-

```
class Employee :
        def m1(self) ~~m1(j)~~ : #method
                print("I'm method")

dharma = Employee()   # Creation of
                          object
```

reference variable   creation of obj

```
dharma.m1() #call the object
```

O/p :- I'm method

Note:- Self is a default parameter, we can also use whatever we want in place of Self like j, ab, abc.....

Class name must starts with Capital letter

Method needs one parameter.

function doesn't needs any parameter.

According Coding Standards, Self is used as default parameter.

If we doesn't use reference variable there we, can ~~call~~ get only one object.

```
Class Employee:
    empheight=6 # attributes
    empSal =46
    def m1(self):
        Print("Im a metho"d )
dharma = Employee()
Sharma = Employee()
dharma.m1()
```

Here let discuss about method & object

Method means the action of ~~particular~~ Employee ~~(empsal)~~ whereas Object means the physical existence of the methode Example like dharma.

In functional programming we cannot define Structure/Security clearly So that we use Oop (object Oriented Programming language)