Decorators?

It will decorate the given function.

and a replace and refer to beautiful more

The most region of the most of a

Ex: def make-pretty (func):

def inner():

print("I got decorated")

func()

veturn inner

@ make-pretty

def Ordinary():

print ("I'm Ordinary")

Ordinary ()

Olp? I got decorated
I'm Ordnoon.

So decorators are mainly used whenever we want to change the functionality but without changing the code functionality.

@ make-pretty means we are giving the power to ordine tunction.

As @ make-pretty is defined Somewhere else & we are giving the functionality to ordinary frinctions

To get more chousty 3 about program, les us see below

def extraordinary (link)?

def imnex ()? print ("I got decorated")

(m/c()

geturn inner

Oextraordinary # decorator

det ordenesy ():

ordinary ()

Opt 1 got decembed

Therators: In this one by one Im Ordensy. Elements

for 1 in magge [1, 2, 3, 5, 5].

()) thuch

هد دن پ

for 1 91 1:

print(;)

olpt Type Exporotint Object is not iterable

```
list1 - [1,2,3]
     o in listli
       print(i)
 Olpt 1
                   iterators it prints all Elements.
there without
Vsha Iterators
  [1,2,3]
   i=itex (list1)
   print (next(i))
0/P 5- 1
    (187) = [1,2,3]
    " = "Hex ( 1:st 1)
     Print (next(i))
     print (next (?))
     print (next (9))
   0/b3 1
       poort (?)
   Opt < list-iterator object at 0x224B (97>
       fine & and ?:
```

1311 - [1,2,3,45,56] P=iter(list1) print (next (;)) ((stylet) to a reality point (nest(i)) print(next(i)) for j'n i: Color of I brook to the print (j) 113 conte a set who 0/p= 1 May por ligh 13 Note + Here it is not pointly Everything, it is positing the number whichever not have been printed! Cenerators &-There agre useful for iterator. Let us know about lest comprehension. List Comprehension means it is a special way of witing Us + Ent lest 1 = [? for ? range (10)] · Point (19571) Colored to mother ? olp: [0,1,2,3,4,5,6,7,8,9] Generators -Extraple 1 = (?. for ? in range (10)) Point (tuplet) Opt < generator object < generator at 0x00000C7A2 tryple! = (: for : in range (10000)) of potent (tuple 1)

```
olpe Lgenerator diject Lgenexpr> at 0x00001C7A241
 print (next (tuple 1))
 0/p8-0
  for? in tuple 16-
         print (next (typle1))
ofpratny it your self.
 Ent def
             my-gener:
              print (" first")
              yield n
             M+= 1
              print ("Second")
              yfeld n
               brut ( stury)
               yseld n
        a=my-genis
        print (a)
    Olpt Generator object my gen at 0x000075DA432>
        implace of print(a) we write code as follows then of
 Men
       be
         next(a)
         next(a)
         nextla)
     Olpt Host
          Second
```

Third