Generator Python generators are a simple way of crown, it envers 131 Coloreage (1) def gen-demo(): yield " first statement " yield 3" second statement " 2ndcell y shird shahmend "

Object

Jen = gen demo() for i in gen: OP print (i) Second n third 2) det square (oum): for i in songe (19 num +1); gen = square (10) point ( next (gest)) print ( nent (gen)) prind (read (gon)) for I on gen: posind (i)

Ronge Fernetion using Cremerados ) street det own-range (start, end): for i in ronge (start, end): yield i 1° in own-ronge (15,26); ) white a decreasing function that constant DECORATOR DATE OF TORMAN AND STATE OF THE PARTY OF THE PA

A decorator is a function shat takes consthere function as one argument onel sufferm a new function shat modifies the behavior of the original function. The new function is often referred to as a clocorated function.

Syntem @ decor alos\_function def my-function();

(I) Write a decerater ferretion that double the overelt of agricon ferretion.

Test case Lagivan number is 3 and 5, output will be 16

det double result (func): det wrapper (de vegs, see kwange): result = fanc (de args, de kurys) return wrapper. @ double\_ousult defable (or rb) netern a+b result = add (3,5) point ( result) Output 2) write a decorator function that checks a given nember is even before executing to function. If the number is odd point a messa and skips executing the function. When number is even, take square value of iet. des check\_ even (func): des wrapper (num): if num 1.2==0: else: point (fu Skipping femelien esceculian, odd number: 70000 34) return wrapper. @ check\_even des square (neron)? point (f asquare function execution fore number sammes square (5) Of skipping -servere (8

x= " my building no us : " y= 67/B るこれは bout (5) nome Bisnot degined x = " hello" J= upythen's V= n+f (V) -4~100 OIP hellopython x = " My name voll no is; n J= 12 オニハナケ (2) mag Type Essos: com only concertante stra (not int) 4) X = vyy sou so: " (se) 2 = n + shr(y) point (2) my soil so! 12 n= uhellou
y = unt (n) Valuetroos: sovalid diferent for int () with bage