Estimate to on rates into proof pel 19ths Function 5 for code reusability we use function. There are 2 types of function 3, User-defined function: Here we take the function as user requirement Syntax : Exe def addi(a,b): print (a+b) def function_name(parameters): addi(d,3)Neturn Selatonanit (Optional) addi (4,6) O|P= 5 (i) Built in function: These functions come court along python software Example ?input () type() Let discuss some Examples on User-defined function Ex-15def fil): print (+ 11) } def faci:

print ("f2")

def f3():

print("f3")

```
f3()
  pa()
 f1()
olps f3
    fa
   £1
    print (4 fly)
Ex-26-
 def
    tac) where pulses or in growth is mount
 def fall:
    print ("fa")
 det (30):
 des print ("£3") felle traff son son the
 where flux on some soul that relatively bild
 13().
            which will die furtion
 fal)
$1()
olpe f3
    41
    49
Ex-36
                         1064 196
 get tuis
                     ("c1") have
     Print (4/17)
                   f2()
                (1817) mag
```

def f2()?

print("f2")

f3():

print("f3")

f1()

f3()

olp: It continuously Execute in a recursive impeatative manney as there is no Ending manney

Nested function:

It means nothing but the Examples we discuss but Where we just called the function inside the Paration inside define function inside the function inside the function.

Examples we such the function inside the function.

def fa():

| Print("fa")
| def fa():
| Print("fa")
| def fa():
| Print("fa")

olp : f1 Spenish 13 with £3 ENS Destroy formand def \$11): Wagner of Argenter print (" (1") Showed this of 3 def fall? print("fa") man - Anguner ("67") trind def f3(): point ("f3") warmen love the their of 15436) starrappen with sice soft fal) report loverthan toured Olp: [will be Empty in no output] (100,200) do 2 (001,000) 202 001-190