

Recursion in python

Recursion is the process of defining something in terms of itself.

A physical world example would be the place two parallel mirror facing each other. Any object in between them would be reflected recursively.

Python Recursive Function

In Python, we know that a function can call other functions. It is even possible for the function to call itself. These types of construct are termed as recursive function.

Source Code

```
#Factorial (5)
#5*4*3*2*1 =120
#factorial (0)=1
# factorail(n)=n*factorail(n-1)

def Factorail(n):
    if (n==1 or n==0):
        return 1
    else:
        return n*Factorail(n-1)

print(Factorail(5))
```

Thank You