





Date : 28th May 2021

Day - 4- Report

(Work Summary)

[INTERNSHIP AT AKASHTECHNOLABS](#)

❖ Day-4 : What we learnt ?

-  Brief information about Functions like,
 - Syntax
 - How to use
-  Any Function is divided in small parts
 - def keyword
 - Function name
 - Arguments
 - : symbol
 - Function body
 - Return statement which is optional
-  3 types of arguments in function
 - Default arguments
 - Keyword arguments
 - Variable-length arguments
-  Scope of variable which is mainly two types
 - Global variable
 - Local variable

Operators

- Arithmetic
- Comparison
- Logical
- Assignment
- Membership
- Identity

Github Link for day4 task:

<https://github.com/shanibaladhiya/AkashTechnoLab-Internship/tree/main/day4>

❖ Task-1:-

```
functions
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day4_akashlab/functions.py"
---simple function---
My name is Shani
---function with arguments---
Given argument is Hello World
---function with return---
Sum using return : a = 5, b=10 and sum = 15

---topic: types of argumnts---

---Default arguments---
default() : 30
default(4,5) : 9
---Keyword arguments---
keyargs(a=10,b=20) -10
keyargs(b=10,a=20) 10
---Var-length(non-keyword) arguments---
varlength(10,20) : [10, 20]
varlength(10,20,30) : [10, 20, 30]
varlength(10,20,30,40) : [10, 20, 30, 40]
---Var-length(keyword) arguments---
varlengthk(car="BMW", price=4500000) ::: {'car': 'BMW', 'price': 2500000}
varlengthk(car="BMW", price=4500000, country="india") ::: {'car': 'BMW', 'price': 2500000, 'country': 'india'}

Process finished with exit code 0
```

Shani Baladhiya

```
operators x
C:\Python39\python.exe "C:/Users/SHANI BALADHIYA/PycharmProjects/Internship/day4_akashlab/operators.py"
-----Operators-----
-----Arithmetic operators----->
sum of 10 and 20 is 30
Subtraction of 10 and 20 is -10
Multiplication of 10 and 20 is 200
Division of 10 and 20 is 0.5
Floor Division of 10 and 20 is 0
Modulus of 10 and 20 is 10
<-----Comparison Operators----->
10>20= False
10<20= True
10==20= False
10>=20= False
10<=20= True
10!=20= True
<-----Logical Operators----->
-----and-----
30 is the largest
-----or-----
enter char:d
d is not Vowel
<-----Membership Operator----->
10 in lst: True
20 in lst: True
20 not in lst: False
<-----Identity Operator----->
10 is 20: False
10 is not 20: True

Process finished with exit code 0
```