

## keyword variable length Argument

### Variable length arguments

```
def fun1(*args):  
    print(args )  
fun(10,8,12.9,'John',16)
```

- All this values will be stored as a tuple in \*args . So you can pass as many arguments and that argument as a tuple

```
def fun1(a,b,c)
```

Whenever we call the function we can call by positional argument or keyword arguments

```
fun1(10,20,15)  
fun1(a =10,b=20,c=15)
```

### Keyword variable length argument

```
def fun2(**kwargs):  
    print (kwargs)  
fun(name = 'Ajay' ,roll = 10,addr = 'delhi')
```

- Python allows functions to be called using keyword arguments.You can pass any argument but it should be keyword form argument
- keyword arguments must follow positional arguments.

### Mixed arguments

```
def fun3(a,b,*args , **kwargs) :  
    print (a,b,args,kwargs)
```

```
def fun3(a,b,*args , **kwargs) :  
    a , b should be positional arguments
```

```
def fun3(a,b,*args ,c , **kwargs) :  
    a , b should be positional arguments and c should be keywor
```