



In the above program only Two-Arg Constructor is available.

But based on our requirement we can declare constructor with default arguments and variable number of arguments.

Constructor with Default Arguments:

```
1) class Test:  
2)     def __init__(self,a=None,b=None,c=None):  
3)         print('Constructor with 0|1|2|3 number of arguments')  
4)  
5) t1=Test()  
6) t2=Test(10)  
7) t3=Test(10,20)  
8) t4=Test(10,20,30)
```

Output:

Constructor with 0|1|2|3 number of arguments
Constructor with 0|1|2|3 number of arguments
Constructor with 0|1|2|3 number of arguments
Constructor with 0|1|2|3 number of arguments

Constructor with Variable Number of Arguments:

```
1) class Test:  
2)     def __init__(self,*a):  
3)         print('Constructor with variable number of arguments')  
4)  
5) t1=Test()  
6) t2=Test(10)  
7) t3=Test(10,20)  
8) t4=Test(10,20,30)  
9) t5=Test(10,20,30,40,50,60)
```

Output:

Constructor with variable number of arguments
Constructor with variable number of arguments
Constructor with variable number of arguments
Constructor with variable number of arguments
Constructor with variable number of arguments