

```
1 class a :
2     def __init__(self) :
3         print(a)
4     def xyz(x) :
5         print("sum = ",x+10)
```

```
1 class b(a) :
2     def __init__(self) :
3         a.__init__(self)
4     def xyz(self,x) :
5         print("sum = ",x+20)
```

```
1 child = b()
```

```
<class '__main__.a'>
```

```
1 child.xyz(5)
2 #method over ride
```

```
sum = 25
```

```
1 child.xyz(5,6)
2 #method over load , python not support
3 #to handle such situations , some parameters can be specified as optional
```

```
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TypeError                                Traceback (most recent call last)
<ipython-input-9-dbd384782d55> in <module>()
----> 1 child.xyz(5,6) #method over load , not support
```

TypeError: xyz() takes 2 positional arguments but 3 were given

SEARCH STACK OVERFLOW