* **What is nested list?**

A nested list is a list that appears as an element in another list. In this list, the element with index 3 is a nested list:  
**>>>** nested = ["hello", 2.0, 5, [10, 20]]  
If we output the element at index 3, we get:  
**>>>** print(nested[3])  
[10, 20]  
To extract an element from the nested list, we can proceed in two steps:  
**>>>** elem = nested[3]  
**>>>** elem[0]  
10  
Or we can combine them:  
**>>>** nested[3][1]  
20

* **Can a list store both integers and strings in it?**

nested = ["hello", “world”,2,3]

a list can store both integers and strings in it. If you print the list nested, the result is ['hello', 'world', 3, 2]