

Solution Review: Sublist of a List

This lesson will explain how to get the sublist from a list.

WE'LL COVER THE FOLLOWING ^

- Solution: Use List Slicing

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The solution is pretty straightforward; slice the list from the first index to the third index to obtain the first sublist, and then slice it from the third index to the end of the array to obtain the second sublist. This can be seen more clearly in the following illustration.

l1

1	4	9	10	23
---	---	---	----	----

1 of 4

l1[0:3]

1	4	9
---	---	---

2 of 4

l1

1	4	9	10	23
---	---	---	----	----

3 of 4

l1[3:]

10	23
----	----

4 of 4

—

[]

List slicing is demonstrated in the following python code:

```
def getSubList():  
    l = [1, 4, 9, 10, 23]  
    l1 = l[0:3] # sublist from index 0 to 3  
    l2 = l[3:] # sublist from 3 uptil end  
    return [l1, l2]  
[l1, l2] = getSubList()  
print(l1)  
print(l2)
```



Let's move on to the next problem.