```
| Total Control Contro
```

```
D ~
             txt = " abc def ghi "
             print(txt.lstrip())
             print(txt.strip())
        ✓ 0.0s
                                                                                                             Python
       abc def ghi
abc def ghi
D ~
            mylist = ['one' , 'two' , 'three' , 'four' , 'five' , 'six' , 'sev
print(mylist[0:3])
print(mylist[2:5])
            print(mylist[:3])
print(mylist[:2] )
print(mylist[-3:] )
print(mylist[-2:] )
             print(mylist[-1] )
             print(mylist[:])
         ✓ 0.0s
                                                                                                            Python
       ['one', 'two', 'three']
['three', 'four', 'five']
['one', 'two', 'three']
['one', 'two']
['six', 'seven', 'eight']
        ['seven', 'eight']
       eight
        ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
```

```
mylist
                                                                                                                      Python
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
     #Add , Remove and Change items
mylist.append('nine') # Add an item to the end of the list
     print(mylist)
     mylist.insert(9,'ten') # Add item at index location 9
     print(mylist)
     mylist.insert(1,'ONE')
     print(mylist)
     mylist.remove('ONE')
     print(mylist)
     mylist.pop()
     print(mylist)
     mylist.pop(8)
     print(mylist)
     mylist[0] = 1
     mylist[1] = 2
mylist[2] = 3
     print(mylist)
                                                                                                                      Python
    ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'nine ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'nine ['one', 'ONE', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight' ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'nine ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight'] [1, 2, 3, 'four', 'five', 'six', 'seven', 'eight']
```

```
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'ning
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'ning
['one', 'ONE', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight'
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'ning
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight', 'ning
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']

#Copy List
mylist = ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'mylist = ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']

#Copy List
mylist = mylist
mylist = mylist
mylist1 = mylist
mylist1 = mylist
mylist1 = mylist
mylist1 > 0.0s

Python

id(mylist), id(mylist1)

id(mylist), id(mylist1)

y 0.0s

Python

(1564198501824, 1564198501824)
```

```
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
    list1.extend(list2) #Append list2 with list1
   list1
✓ 0.0s
                                                                Python
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
   list1
                                                                Python
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
    'one' in list1
✓ 0.0s
                                                                Python
True
   'ten' in list1
✓ 0.0s
                                                                Python
False
```

```
['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
   mylist3 = [9,5,2,99,12,88,34]
   mylist3.sort() # Sort list in ascending order
   mylist3
                                                                 Python
[2, 5, 9, 12, 34, 88, 99]
   mylist3 = [9,5,2,99,12,88,34]
   mylist3.sort(reverse=True) # Sort list in descending order
   mylist3
                                                                Python
[99, 88, 34, 12, 9, 5, 2]
   mylist4 = [88,65,33,21,11,98]
   sorted(mylist4)
✓ 0.0s
                                                                 Python
[11, 21, 33, 65, 88, 98]
```

```
print(mylist4)
                                                                    Python
     [88, 65, 33, 21, 11, 98]
D ~
       list1
[80] 		 0.0s
                                                                    Python
     ['one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight']
                     ♣ Generate + Code + Markdown
                                         Add Markdown Cell
        for i in list1:
       print(i)
    ✓ 0.0s
                                                                    Python
     two
     three
     four
     five
     seven
     eight
```