Questions

**Not yet graded**

seqmut-1-2: Which method would you use to figure out the position of an item in a list?

Top of Form

A. .pop()  
B. .insert()  
C. .count()  
D. .index()

Bottom of Form

✔️ Yes, index will return the position of the first occurance of an item.

seqmut-1-3: Which method is best to use when adding an item to the end of a list?

Top of Form

A. .insert()  
B. .pop()  
C. .append()  
D. .remove()

✔️ Yes, though you can use insert to do the same thing, you don't need to provide the position.

Write code to add ‘horseback riding’ to the third position (i.e., right before volleyball) in the list sports.

sports = ['cricket', 'football', 'volleyball', 'baseball', 'softball', 'track and field', 'curling', 'ping pong', 'hockey']

sports.insert(2,'horseback riding')

print(sports)

Write code to take ‘London’ out of the list trav\_dest.

trav\_dest = ['Beirut', 'Milan', 'Pittsburgh', 'Buenos Aires', 'Nairobi', 'Kathmandu', 'Osaka', 'London', 'Melbourne']

trav\_dest.remove("London")

print(trav\_dest)

Write code to add ‘Guadalajara’ to the end of the list trav\_dest using a list method.

trav\_dest = ['Beirut', 'Milan', 'Pittsburgh', 'Buenos Aires', 'Nairobi', 'Kathmandu', 'Osaka', 'Melbourne']

trav\_dest.append("Guadalajara")

print(trav\_dest)

Write code to rearrange the strings in the list winners so that they are in alphabetical order from A to Z.

winners = ['Kazuo Ishiguro', 'Rainer Weiss', 'Youyou Tu', 'Malala Yousafzai', 'Alice Munro', 'Alvin E. Roth']

winners.sort()

print(winners)

Write code to switch the order of the winners list so that it is now Z to A. Assign this list to the variable z\_winners.

winners = ['Alice Munro', 'Alvin E. Roth', 'Kazuo Ishiguro', 'Malala Yousafzai', 'Rainer Weiss', 'Youyou Tu']

z\_winners =sorted(winners,reverse = True)

print(z\_winners)