

Guided Lab on List - Type the given codes and test-run them.

1.	<pre>firstList = ['Football', 'Tennis', 'Rugby'] secondList = ['Squash', 'Netball', 'Cricket', 'Volleyball'] firstList.extend(secondList) length = len(firstList) print(length)</pre>
2.	<pre>games = ['Football', 'Tennis', 'Netball', 'Cricket', 'Volleyball'] maximum = max(games) print(maximum)</pre>
3.	<pre>games = ['Football', 'Tennis', 'Netball', 'Cricket', 'Volleyball'] minimum = min(games) print(minimum)</pre>
4.	<pre>games = ['Football', 'Tennis', 'Netball', 'Cricket', 'Volleyball'] total = sum(games) print(total)</pre>
5.	<pre>marks = [67, 56, 90, 55, 84] total = sum(marks) print(total)</pre>
6.	<pre>marks = [67, 56, 90, 55, 84] average = sum(marks)/len(marks) print(average)</pre>
7.	<pre>marks = [67, 56, 'fifty'] minimum = min(marks) print(minimum)</pre>
8.	<pre>members = ['John', 'Kathy', 'Mary', 'Gerard'] name = input("Enter a name to search for ") for member in members: if member==name: print('Yes!', name, 'is a member.') #Sample inputs: 'john', 'JOHN' 'MArY' and etc.</pre>
9.	<pre>members = ['John', 'Kathy', 'Mary', 'Gerard'] name = input("Enter a name to search for ") for member in members: if member.lower()==name.lower(): print('Yes!', name, 'is a member.')</pre>
10.	<pre>members = ['John', 'Kathy', 'Mary', 'Gerard'] name = input("Enter a name to search for ") for member in members: if member.lower()==name.lower(): print('Yes!', member, 'is a member.')</pre>

11.	<pre> members = ['John','Kathy','Mary','Gerard', 'Mary'] numberOfOccurance = members.count('John') print(numberOfOccurance) </pre>
12.	<pre> members = ['John','Kathy','Mary','Gerard', 'Mary'] numberOfOccurance = members.count('Mary') print(numberOfOccurance) </pre>
13.	<pre> guests = [] name = input('Please provide the guest\'s name: ') guests.append(name) print(guests) </pre>
14.	<pre> guests = [] for i in range(5): name = input('Please provide the guest\'s name: ') guests.append(name) for guest in guests: print(guest) </pre>
15.	<pre> guests = [] for i in range(5): name = input('Please provide the guest\'s name: ') guests.append(name) print() print() for guest in guests: print(guest) </pre>
16.	<pre> guests = [] while True: name = input('Enter guest\'s name (<enter> to end): ') # OR # name = input("Enter guest's name (<enter> to end): ") if name=="": break else: name=name.capitalize() guests.append(name) for guest in guests: print(guest) </pre>
17.	<pre> items = list(range(10)) for item in items: print(item) </pre>

18.	<pre>items = list(range(5,10)) for item in items: print(item)</pre>
19.	<pre>items = list(range(5)) print(items[0:5])</pre>
20.	<pre>items = list(range(5)) print(items[2:4])</pre>