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Lesson 3: Working with Lists

1. Create a list of 5 of your favorite tv shows.

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

1. Print the list in its original order.

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

print (shows)

1. Use the sorted() function to print the list in alphabetical order. How is sorted() different from sort()?

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

print (shows)

print(sorted(shows))

print (shows)

The sorted function is used when you want to temporarily sort a list.

1. Print out your original list.

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

print (shows)

1. Used sorted() to print your list in reverse alphabetical order.

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

print (shows)

shows.sort(reverse=True)

print (shows)

1. Create a message indicating how many favorite TV shows you have – use the len() function.

shows = ['supernatural', 'cobra kai', 'the crown', 'the great british baking show', 'teen titans go']

x = len(shows)

message = "The total amount of my favorite shows are " + str(x)+"."

print (message)

print(shows)