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Lesson 3: Working with Lists

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

favorite\_tv = [‘modern family’, ‘ozark’, ‘friends from college’, ‘you’, ‘game of thrones’]

1. Print the list in its original order.

print(favorite\_tv)

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

sorted\_favorite\_tv = sorted(favorite\_tv)

sorted() is different from sort() because it creates a new list instead of just rearranging the list it is called upon. Also, you must assign a new variable to the returned data for the new list created in order for the sorted() function to work.

1. Print out your original list.

print(favorite\_tv)

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

print(sorted(favorite\_tv, reverse = True))

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

print(“There are “, len(favorite\_tv), “ shows that I really like.”)