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Lesson 3: Working with Lists

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

**shows= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**print(shows)**

1. Print the list in its original order.

**shows= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**print(shows)**

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

**shows= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**print(shows)**

**print(sorted(shows))**

**print (shows)**

1. Print out your original list.

**shows= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**print(shows)**

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

**shows= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**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= ['Big bang', 'Hannibal', 'Black mirror', 'Seinfeld', 'Will and Grace']**

**print("These are my " + str(len(shows)) + " favorite shows!")**

**print(shows)**