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Lesson 3: Working with Lists

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

movies = ["star wars: the clone wars", "spongebob", "adventure time", "phineas & ferb", "regular show"]

print(movies)

1. Print the list in its original order.

movies = ["star wars: the clone wars", "spongebob", "adventure time", "phineas & ferb", "regular show"]

print(movies)

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

x = sorted(movies)

print(x)

1. Print out your original list.

movies = ["star wars: the clone wars", "spongebob", "adventure time", "phineas & ferb", "regular show"]

print(movies)

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

y = sorted(movies, reverse=True)

print(y)

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

len(movies)

print("I have " + str(len(movies)) + " favorite movies")

**Full Command Line:**

movies = ["star wars: the clone wars", "spongebob", "adventure time", "phineas & ferb", "regular show"]

print(movies)

x = sorted(movies)

print(x)

movies.sort()

print(movies)

y = sorted(movies, reverse=True)

print(y)

len(movies)

print("I have " + str(len(movies)) + " favorite movies")

['star wars: the clone wars', 'spongebob', 'adventure time', 'phineas & ferb', 'regular show']

['adventure time', 'phineas & ferb', 'regular show', 'spongebob', 'star wars: the clone wars']

['adventure time', 'phineas & ferb', 'regular show', 'spongebob', 'star wars: the clone wars']

['star wars: the clone wars', 'spongebob', 'regular show', 'phineas & ferb', 'adventure time']

I have 5 favorite movies