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Lesson 3: Working with Lists

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

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

1. Print the list in its original order.

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

print(tv\_shows)

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

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

print(tv\_shows)

print(sorted(tv\_shows))

print(tv\_shows)

The sorted() function is used to sort a list temporarily, while the sort() function is used to permanently sort a list.

1. Print out your original list.

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

print(tv\_shows)

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

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

print(tv\_shows)

tv\_shows.sort(reverse=True)

print(tv\_shows)

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

tv\_shows = ['true beauty', 'mr.queen', 'legend of fei', 'twisted fate of love', 'the zombie detective']

x = len(tv\_shows)

message = "I have " + str(x) + " favorite tv shows."

print(message)

print(tv\_shows)