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Lesson 3: Working with Lists

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

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

1. Print the list in its original order.

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

print(tvshows)

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

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

print(tvshows)

print(sorted(tvshows))

The sorted() function only temporarily sorts a list if a person does not want their list to be permanently sorted. The sort() function permanently sorts a list.

1. Print out your original list.

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

print(tvshows)

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

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

tvshows.sort(reverse=True)

print(tvshows)

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

tvshows = [‘Cobra Kai’, ‘The Office’, ‘Money Heist’, ‘All American’, ‘The Walking Dead’]

print(tvshows)

message = (“I have “ + str(len(tvshows)) + “ favorite shows!”)

print(message)