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Lesson 3: Working with Lists

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

```
fave_tv = ["Friends" , "Bob's Burgers" , "Bridgerton" , "Running Man" ,
"The Office"]
```

2. Print the list in its original order.

```
print(fave_tv)
```

→ ['Friends', "Bob's Burgers", 'Bridgerton', 'Running Man', 'The Office']

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

```
print(sorted(fave_tv))
```

→ ["Bob's Burgers", 'Bridgerton', 'Friends', 'Running Man', 'The Office']

sorted() is different from sort() because it only temporarily sorts the list in alphabetical order as you execute the print function with it.

4. Print out your original list.

```
print(fave_tv)
```

→ ['Friends', "Bob's Burgers", 'Bridgerton', 'Running Man', 'The Office']

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

```
print(sorted(fave_tv, reverse=True))
```

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

```
print("I have " + (str(len(fave_tv))) + " favorite tv shows.")
```