

---

```
1 import csv
2
3 # Open CSV file
4 with open("CS50 2019 - Lecture 7 - Favorite TV Shows (Responses) - Form Responses 1.csv", "r") as file:
5
6     # Create DictReader
7     reader = csv.DictReader(file)
8
9     # Iterate over CSV file, printing each title
10    for row in reader:
11        print(row["title"])
```

```
1 import csv
2
3 # For counting favorites
4 counts = {}
5
6 # Open CSV file
7 with open("CS50 2019 - Lecture 7 - Favorite TV Shows (Responses) - Form Responses 1.csv", "r") as file:
8
9     # Create DictReader
10    reader = csv.DictReader(file)
11
12    # Iterate over CSV file
13    for row in reader:
14
15        # Force title to lowercase
16        title = row["title"].lower()
17
18        # Add title to counts
19        if title in counts:
20            counts[title] += 1
21        else:
22            counts[title] = 1
23
24    # Print counts
25    for title, count in counts.items():
26        print(title, count, sep=" | ")
```

```
1 import csv
2
3 # For counting favorites
4 counts = {}
5
6 # Open CSV file
7 with open("CS50 2019 - Lecture 7 - Favorite TV Shows (Responses) - Form Responses 1.csv", "r") as file:
8
9     # Create DictReader
10    reader = csv.DictReader(file)
11
12    # Iterate over CSV file
13    for row in reader:
14
15        # Force title to lowercase
16        title = row["title"].lower()
17
18        # Add title to counts
19        if title in counts:
20            counts[title] += 1
21        else:
22            counts[title] = 1
23
24    # Print counts, sorted by title
25    for title, count in sorted(counts.items()):
26        print(title, count, sep=" | ")
```

```
1 import csv
2
3 # For counting favorites
4 counts = {}
5
6 # Open CSV file
7 with open("CS50 2019 - Lecture 7 - Favorite TV Shows (Responses) - Form Responses 1.csv", "r") as file:
8
9     # Create DictReader
10    reader = csv.DictReader(file)
11
12    # Iterate over CSV file
13    for row in reader:
14
15        # Force title to lowercase
16        title = row["title"].lower()
17
18        # Add title to counts
19        if title in counts:
20            counts[title] += 1
21        else:
22            counts[title] = 1
23
24    # Function for comparing items by value
25    def f(item):
26        return item[1]
27
28    # Print counts, sorted by key
29    for title, count in sorted(counts.items(), key=f, reverse=True):
30        print(title, count, sep=" | ")
```

```
1 import csv
2
3 # For counting favorites
4 counts = {}
5
6 # Open CSV file
7 with open("CS50 2019 - Lecture 7 - Favorite TV Shows (Responses) - Form Responses 1.csv", "r") as file:
8
9     # Create DictReader
10    reader = csv.DictReader(file)
11
12    # Iterate over CSV file
13    for row in reader:
14
15        # Force title to lowercase
16        title = row["title"].lower()
17
18        # Add title to counts
19        if title in counts:
20            counts[title] += 1
21        else:
22            counts[title] = 1
23
24    # Print counts, sorted by key
25    for title, count in sorted(counts.items(), key=lambda item: item[1], reverse=True):
26        print(title, count, sep=" | ")
```