Errata for *Python One-Liners* (updated to 2\textsuperscript{nd} printing)

**Page 7:** In step 2 of the first code listing:

```python
l.insert(2, 3)
print(l)
# [1, 2, 3, 4]
```

should now read:

```python
l/insert(2, 2)
print(l)
# [1, 2, 2, 4]
```

And under “Removing Elements”:

“You can easily remove an element \( x \) from a list . . .”

should now read:

“You can easily remove the first occurrence of element \( x \) from a list . . .”

**Page 8:** Under “Indexing List Elements”:

“The method \texttt{index(x)} finds the first occurrence of the element \( x \) in the list and returns its index.”

should now read:

“The \texttt{list.index(x)} method returns the index of the element \( x \) in the list. You can use optional start and stop arguments to limit the index range to search.”

**Page 35:** At the end of the paragraph “How It Works,” we added:

“You need to install the matplotlib library with \texttt{pip install matplotlib} in your terminal or shell to use this example in your own programs.”

**Page 40:** In the text box:

```python
[(True, s) if 'anonymous' in s else (False, s) for s in txt]
```

should now read:

```python
[('anonymous' in s, s) for s in txt]
```
Page 65: Before the last sentence, “Listing 3-22 shows . . .” we added the sentence:
“Roughly speaking, the axis parameter controls which axis will be aggregated or collapsed when used in a NumPy operation such as `np.sort()`.”

Page 92: In the `## One-liner` part of the code listing:
```python
reshape(n,1),
```
should now read:
```python
reshape(-1,1),
```

“. . . except for i and n”
should now read:
“. . . except for 1 and n”