1. Using either the help function or online documentation, find the default for axis in the Pandas drop function (pandas.DataFrame.drop). Enter your answer below.

0

✓ **Correct**

2. Using either the help function or online documentation as a resource, select the default option for the *kind* input parameter for the Numpy sort function (np.sort). (https://docs.scipy.org/doc/numpy-1.15.1/reference/generated/numpy.sort.html)

   The *kind* parameter indicates the sorting algorithm used.

   - (●) quicksort
   - ( ) heapsort
   - ( ) mergesort
   - ( ) stable

3. What does the following function get_element return when the input is lst = [1, 7, 3, 5]?

```
1 def get_element(lst):
2   new_lst = []
3   for i in lst:
4     new_lst.append(i**2)
5     return lst[1]
```

   - ( ) 1
   - ( ) 3
   - ( ) 9
   - (●) 7
   - ( ) 25
   - ( ) 49

✓ **Correct**

4. What is the output of the following code?

```
1  my_dict = {'peaches':'cream', 'cat':'dog', 'this one':'that one'}
2  my_dict['this one']
```

- {'peaches':'cream', 'cat':'dog', 'this one':'that one'}
- 'dog'
- {'that one'}
- ‘that one’
- 'peaches'

✓ **Correct**

5. What are the keys in my_dict?

```
1  my_dict = {'peaches':'cream', 'cat':'dog', 'this one':'that one'}
2  my_dict['this one']
```

- 'peaches', 'cat', 'this one'
- peaches, cat, this one
- 'cream', 'dog', 'that one'
- cream, dog, that one

✓ **Correct**

6. What are the values in my_dict? Select all that apply.

```
1  my_dict = {'peaches':'cream', 'cat':'dog', 'this one':'that one'}
```

- (●) 'cream', 'dog', 'that one'
- ( ) 'peaches', 'that one', 'cat'
- ( ) 'cream', 'dog', 'cat'
- ( ) 'cream', 'dog', 'this one'

✓ **Correct**

Dictionaries have keys and values. The following format indicates which are keys and which are values (key: value).

7. What happens when the function save_plot is called?

```
1  import matplotlib.pyplot as plt
2
3  def save_plot(x, y):
4    plt.plot(x, y)
5    plt.savefig('new_plot')
```

- (●) A plot is outputted and saved as 'new_plot'.
- ( ) The function **returns** a plot.
- ( ) nothing
- ( ) y

✓ **Correct**

True.