List Exercises 1

List Access

Complete the following exercises using the Python interpreter.

```
my_list = [1, 2, "kitten",  4, "five"]
```

1. How would I access the third element in the list?
2. How would I access the element at the third index?
3. What would I get if I did `my_list[1]`?
4. What are **three ways** I could access the last element of the list?
   (HINT: Look up the `len` method for Python lists.)
5. How would I find the length of the list?
6. Use the list below to complete the following table (the first one is done for you):

```
my_list = [1, 2, "kitten",  4, "five", 6, 7]
```

`my_list[0]`	1
`my_list[1:3]`	
`my_list[1:6]`	
`my_list[1:10]`	
`my_list[-1]`	
`my_list[-1:-3]`	
`my_list[-3:-1]`	

Lists & Functions

1. Create a folder called `lists` inside of `~/intro_class`.
2. Download the files `list_operations.py` and `test_list_operations.py` from the course website into this `lists` folder by right clicking on each of the links and going to "save target as"
3. Read the instructions inside of the `README.md` file & do the exercises for Part 1.

Additional Exercises:
- http://learnpythonthehardway.org/book/ex32.html

- http://learnpythonthehardway.org/book/ex33.html
- http://learnpythonthehardway.org/book/ex34.html
- http://learnpythonthehardway.org/book/ex38.html
- http://learnpython.org/en/Lists
- http://docs.python.org/tutorial/introduction.html#lists
- http://docs.python.org/tutorial/datastructures.html#more-on-lists --> stop reading before section 5.1.1