

1. Type in the following in the Python interactive window. See what is the result and try to understand what happened and why:

```
>>> s1 = "hello mummy!"
>>> m1 = s1.split()
>>> print(m1)

>>> s2 = "-".join(m1)
>>> print(s2)

>>> s1.title()

>>> print(s1)

>>> s1.replace('mummy', 'ghost')

>>> s1

>>> s1.count('m')
```

2. Write a program that will generate a list of  $n$  numeric values from the interval  $[-100,100]$ . The number  $n$  is provided by the user, for the number generation use pseudo-random function `randint`. Don't forget to import library `random`. Then sort them and print them out.

3. I'm working on a program that prompts the user to input a sentence with at least 5 words in it, and then displays this sentence with each word printed on new line. In addition, it should calculate the average word length in the sentence. Fix my code.  
Grab the file [inClassAssignment3\\_notWorking.py](#)

