

Quiz 2

1. (2pts) Write the python command that will return a list of methods that you can invoke on string objects.

```
dir(str)
```

2. (3pts) It's your second week at Python Interpreters, Inc. You did well last week, so you've been promoted to evaluating more complex expression. Evaluate the following expressions as a python interpreter would.

```
(a) x = "foo"  
    x = "%s bar" % x  
    x = "%s bar" % x  
    print x  
    'foobarbar'
```

```
(b) a = range(3)  
    b = [a,a]  
    print b  
    a[0] = "boo"  
    print b  
    [[0, 1, 2], [0, 1, 2]]  
    [['boo', 1, 2], ['boo', 1, 2]]
```

```
(c) a = range(3)  
    b = a  
    a = "surprise"  
    print b  
    [0, 1, 2]
```

3. (3pts) Adding only one line, finish the function below so that it take a list as input and returns only the odd numbers in a list.

```
def oddOnly(x):  
    return filter(lambda x: x % 2, x)
```

```
>>> oddOnly(range(10))  
[1, 3, 5, 7, 9]
```