EXERCISE 1

1. WHAT IS THE OUTPUT OF THE FOLLOWING PRINT STATEMENTS?

```
In [2]: print ("\ta\tb\tc")
```
            a   b   c

```
In [27]: print (" \\\\ ")
```
     \\

```
In [28]: print (" ' ")
```
      '

```
In [29]: print ("\"\"\"")
```
     """

```
In [30]: print ("C:\nin\the downward spiral")
```
     C:
     in   he downward spiral

2. write a print statement to produce this output

```
In [18]: # / \ // \\ /// \\\
```

```
In [24]: print ('/ \ // \\ /// \\\ ')
```
     / \ // \ /// \\

3. WHAT PRINT STATEMENTS WILL GENERATE THIS OUTPUT

```
In [13]:   # This quote is from
           # irish poet
           # Oscar Wilde:
           # "music makes one feel so romantic
           # - at least it always gets on one's nerves -
           # which is thesame
           # thing nowadays. "
```

```
In [15]:   print(""" This quote is from
           irish poet
           Oscar Wilde:
           "music makes one feel so romantic
           - at least it always gets on one's nerves
           which is thesame
           thing nowadays."
           """)
```

```
 This quote is from
irish poet
Oscar Wilde:
"music makes one feel so romantic
- at least it always gets on one's nerves
which is thesame
thing nowadays."
```

4. what print statements will generate this output?

```
In [ ]:    # A "quoted" string is
           # 'much' better if you learn the rules of "escape sequences."
           # Also, "" represents an empty string.
           # Don't forget: use \"instead of " ! '' is not the same as ""
```

```
In [16]:   print (""" A "quoted" string is
           'much' better if you learn the rules of "escape sequences."
           Also, "" represents an empty string.
           Don't forget: use \"instead of " ! '' is not the same as """)
```

```
 A "quoted" string is
'much' better if you learn the rules of "escape sequences."
Also, "" represents an empty string.
Don't forget: use "instead of " ! '' is not the same as
```

5. What values result from the following expression?

In [9]: `9/5`

Out[9]: 1.8

In [15]: `695%20`

Out[15]: 15

In [16]: `7+6*5`

Out[16]: 37

In [17]: `248 % 100/5`

Out[17]: 9.6

In [18]: `6*3 -9/4`

Out[18]: 15.75

In [19]: `(5-7) *4`

Out[19]: -8

In [20]: `6+ (18% (17-12))`

Out[20]: 9