Python1_JosephVargovich

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Imports

[1]:
```
#Imports for the libraries I will be using.
import math
import requests
import pandas
```

Exercise 1: Calculate log(6.2) first using base e and second using base 10.

[2]:
```
#Default math.log call is with base e
math.log(6.2)
```

[2]:
```
1.824549292051046
```

[3]:
```
#Extra parameter allows us to use base 10
math.log(6.2, 10)
```

[3]:
```
0.7923916894982539
```

Exercise 2: Calculate the square root of 2 and save the result as the variable named sqrt2. Have Python display the decimal value of sqrt2.

[4]:
```
#First declare a variable and set it to the square root of two
sqrt2 = math.sqrt(2)
#Print the stored value.
print(sqrt2)
```

```
1.4142135623730951
```

Exercise 3: This exercise walks you through installing a package with all the datasets used in the textbook The Statistical Sleuth.

Open the case0101.csv file imported from R.

Load the case0101.csv data into a variable (data frame).

Print out the head of case0101 using .head().

[5]:
```
#Read the address csv and store it here.
addressOutput = pandas.read_csv("case0101.csv")
#Print the dataset.
addressOutput.head()
```

[5]:

	Score	Treatment
0	5.0	Extrinsic
1	5.4	Extrinsic
2	6.1	Extrinsic
3	10.9	Extrinsic
4	11.8	Extrinsic