DSC530_Week_2_2_1_data_analysis

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1 DSC 530 Professor Jim

2 2.1 Exercise: Preparing for Exploratory Data Analysis

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```python
[1]: # Print hello world

print("Hello World!  My name is Brian Reppeto")
```

```
Hello World!  My name is Brian Reppeto
```

```python
[2]: # Add 2 numbers together

x=1
y=2
print (x+y)
```

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```python
[3]: # Subtract 2 numbers

a=10
b=5
print (a-b)
```

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5
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```python
[4]: # Multiply 2 numbers

f=15
g=3
print (f*g)
```

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45
```

```
[5]: # Divide 2 numbers

     r=20
     d=2
     print (r/d)
```

10.0

```
[6]: # Concat two strings

     ab ='Merry'
     cd =' Christmas'
     ef = ab + cd
     print (ef)
```

Merry Christmas

```
[4]: # Creating a List of 4 items

     Lists = [5, 10, 15, 20 ]

     print("List of numbers: ")
     print(Lists)
```

List of numbers:
[5, 10, 15, 20]

```
[5]: # Append to List of 4 items to create 5 items

     Lists.append(14)

     print("New list of numbers: ")
     print(Lists)
```

New list of numbers:
[5, 10, 15, 20, 14]

```
[3]: # Tuple with 4 items

     Tuple1 = ('Dasher','Prancer')
     Tuple2 = ('Vixen','Comet')
     Tuple3 = ('Cupid','Donner')
     Tuple4 = ('Blitzen','Rudolph')

     print("\n Santa's Reindeer by rows of two: ")
     print(Tuple1)
     print(Tuple2)
     print(Tuple3)
     print(Tuple4)
```

```
 Santa's Reindeer by rows of two:
('Dasher', 'Prancer')
('Vixen', 'Comet')
('Cupid', 'Donner')
('Blitzen', 'Rudolph')
```

[ ]: