

Screenshot of Working Code

```
1  #!/usr/bin/env python3
2  # -*- coding: utf-8 -*-
3  """
4  DSC 530-T302
5  week 2
6  2.1 Exercise: Preparing for Exploratory Data Analysis
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8  06/16/2021
9  """
10
11  ## Display Hello World Message
12  print('Hello World!')
13
14  ## Add, Subtract, Multiply, and Divide two numbers
15  Number_one = 50
16  print("First Number:", Number_one)
17  Number_two = 5
18  print("Second Number:", Number_two)
19
20  # Add numbers
21  print('Numbers added equals:',(Number_one + Number_two))
22  # Subtract numbers
23  print('Numbers subtracted equals:',(Number_one - Number_two))
24  # Multiply numbers
25  print('Numbers multiplied equals:',(Number_one * Number_two))
26  # Divide numbers
27  print('Numbers divided equals:',(Number_one / Number_two))
28
29  ## Concatenate two strings together
30  String_one = "In my summer semester I am taking one class titled:"
31  String_two = " Data Exploration and Analysis"
32  Both_strings = String_one + String_two
33  print('Concatenate two strings:',Both_strings)
34
35  ## Create a list of 4 items and append an item
36  List_one = ['one', 2, 'three', 4]
37  print('first list printed:',List_one)
38  ## Append an item to your list
39  List_one.append('five')
40  print('List with append:',List_one)
41
42  ## Create a tuple with 4 items
43  tuple_one = ("Golden", 1, "retriever", 2)
44  print('My tuple: ', tuple_one)
```

Screenshot of Outputs from Working Code

```

In [6]: runfile('/Users/Robyn/Documents/DSC530-T302/Week 2 assignment/
untitled1.py', wdir='/Users/Robyn/Documents/DSC530-T302/Week 2 assignment')
Hello World!
First Number: 50
Second Number: 5
Numbers added equals: 55
Numbers subtracted equals: 45
Numbers multiplied equals: 250
Numbers divided equals: 10.0
Concatenate two strings: In my summer semester I am taking one class titled:
Data Exploration and Analysis
first list printed: ['one', 2, 'three', 4]
List with append: ['one', 2, 'three', 4, 'five']
My tuple: ('Golden', 1, 'retriever', 2)

```

Screenshot of full Spyder (Python 3.8) working screen

