Key

1. What is the output of the following Python code?

```python
def some_function(a, b, c = 5):
    result = a * b - c
    return result


x = 4
y = 2
z = 7

print(some_function(3, 2, 1))
print(some_function(x,y,z))
print(some_function(4,10))
```

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Output of the Code Above:

5

1

3 5

2. Write a Python function that takes three input values from a user and returns the average of those numbers.

```python
def find_avg():
    a = float(input("Value 1 : "))
    b = float(input("Value 2 : "))
    c = float(input("Value 3 : "))
    return (a+b+c)/3
```

3. What is the output of the following Python code?

```python
def some_function2(s1,a,listA):
    s1 = s1 + "Friday"
    a = a**2
    listA[2][0] = "Petey"
    print(s1)
    print(a)
    print(listA)


str1 = "Happy"
x = 9
A = ["Becca", 17.1, [1,2,3]]

some_function2(str1,x,A)

print(str1)
print(x)
print(A)
```

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Output of the Code Above:

HappyFriday
81
["Becca", 17.1, ["Petey", 2,3]]
Happy
9
["Becca", 17.1, ["Petey",2,3]]