Clearly PRINT your full name:_____

1. Write a line of Python code that opens a file named test.txt for writing and assigns the returned file handle to a variable named X:

2. In the box to the right of the code, write exactly what IDLE would display when you executed the following code:

```
aDict = {}
aDict['jay'] = 456
aDict[456] = 'jay'
aDict['jay'] = 'summet'
print(aDict['jay'])
print(aDict[456])
print(aDict['q'])
```

3. In the box to the right of the code, write exactly what IDLE would print when you executed the code below, and also write down the value that the variable y would be assigned to:

```
aList = [1,2,3]
bList = aList
cList = aList[:]

aList[2] = 'J'
cList[1] = 'A'
bList[0] = 'Y'

print( aList )
print( cList )

y = bList[2]
```

y =>

4. Write a one or two sentence definition for the following vocabulary words:

- slice -

- aliases -

5. Write a function in Python called **calculateAvgPosNum** that will accept a list of numbers (integers or floats) as an argument, and return the average of (only) the positive numbers in the input list. If there are no positive numbers in the list, your function should return None.

For example, here are some test cases:
>>> x = calculateAvgPosNum([-5, 1, 2.0, 3])
>>> x
2.000000
>>> x = calculateAvgPosNum(([-2, -3, -3, -8, -10])
>>> print(x)
None