

Question 1

4 out of 4 points

Which statement is NOT True about functions in Python?

- A) Local variables declared in a function are visible to other functions within the same program.
- B) Parameter variables (i.e. variables declared in the function header) are initialized with the value of the arguments that were passed in the call.
- C) The body of a function is not executed until the function is called.
- D) The return statement terminates a function call and returns the results.

Question 2

4 out of 4 points

What is the output of running the following piece of code:

```
myList = {9:5, 8:6, 5:9, -7:15, 12:-9, 3:8}
sum = 0
for key in myList.values() :
    if key > 0 :
        sum = sum + key
print(sum)
```

Answer:

Question 3

0 out of 4 points

Which of the following is going to cause a IOError:

- A) Write to a non-empty file
- B) Open a non-existing file for Writing
- C) Reading from an empty file
- D) None of the Above

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SomeoneA

Question 4

4 out of 4 points

What will be the result of running the following code?

```
class A:
    def __init__(self, v) :
        self._a = 6
        self._b = 3
        self._c = self._a - self._b
a = A(0)
print(a.v)
```

Answer:

Question 5

4 out of 4 points

What is the output of the following code snippet?

```
myList = []
for i in range(8):
    myList.append(i)
myList.insert(2,9)
for i in range(3):
    myList.pop(i*2)
mySum = 0
for i in range(len(myList)):
    mySum = mySum + myList[i]
print(mySum)
```

Answer:

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What is the output of the below code? Please include the output in each line ONLY IF NEEDED.

The contents of input1.txt is shown below

input1.txt

```
Can you divide ?!!!  
8 4
```

Note that:

ZeroDivisionError: is raised when the second operator in the division is zero.
TypeError: is raised when an operation or function is applied to an object of an inappropriate type.
IOError: is raised when an I/O operation fails for an I/O-related reason

Code:

```
1 class MyClass:  
2     def __init__(self):  
3         self._a = 15  
4         self._b = 0  
5     def printMyClass(self):  
6         print(self._a,self._b)  
7     def divide (self,a,b):  
8         self.printMyClass()  
9         return a/b  
10  
11 try:  
12     infile = open("input1.txt","r")  
13     line1 = infile.readline().rstrip("\n!")  
14     line2 = int(infile.read(1))  
15     line3 = int(infile.read(2))  
16     print(line1)  
17     print(line2,line3)  
18     d = MyClass()  
19     result = d.divide(line2,line3)  
20     print(result)  
21 except ZeroDivisionError:  
22     print("ZeroDivisionError")  
23 except TypeError:  
24     print("TypeError")  
25 finally:  
26     infile.close()  
27     print("File Closed")
```

[1]
[2]
[3]
[4]
[5]

solve
it here

