



Module 3 Graded Quiz

Graded Quiz • 20 min

Due Sep 13, 12:29 PM IST

1. What is the output of the following code?

1 / 1 point

```
1  x="Go"
2
3  if(x=="Go"):
4      |
5      print('Go ')
6
7  else:
8      |
9      print('Stop')
10
11 print('Mike')
```

- ☒ Go Mike
- ☐ Mike
- ☐ Stop Mike

✓ Correct



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2. What is the result of the following lines of code?

1 / 1 point

```
1 x=1
2 x>-5
```

☒ True

☐ False



Correct

Correct

3. What is the output of the following few lines of code?

1 / 1 point

```
1 x=5
2 while(x!=2):
3     print(x)
4     x=x-1
5
```



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```
1 x=5
2 while(x!=2):
3     print(x)
4     x=x-1
5
```

- ☒ 5
- 4
- 3
- ☐ 5
- 4
- 3
- 2
- ☐ the program will never leave the loop

✓ **Correct**
Correct



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4. What is the result of running the following lines of code ?

1 / 1 point

```
1 class Points(object):
2     def __init__(self,x,y):
3
4         self.x=x
5         self.y=y
6
7     def print_point(self):
8
9         print('x=',self.x,' y=',self.y)
10
11 p1=Points("A","B")
12 p1.print_point()
```

- ☐ x= A
- ☐ y= B
- ☒ x= A y= B

✓ **Correct**
correct



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5. What is the output of the following few lines of code?

1 / 1 point

```
1 for i,x in enumerate(['A','B','C']):  
2     print(i+1,x)
```

☒ 1 A

2 B

3 C

☐ 0 A

1 B

2 C

☐ 0 AA

1 BB

2 CC

✓ Correct

Correct



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6. What is the result of running the following lines of code ?

1 / 1 point

```
1 class Points(object):
2
3     def __init__(self,x,y):
4
5         self.x=x
6         self.y=y
7
8     def print_point(self):
9
10        print('x=',self.x, ' y=',self.y)
11
12 p2=Points(1,2)
13
14 p2.x='A'
15
16 p2.print_point()
```

- ☐ x= 1 y=2
- ☒ x= A y=2
- ☐ x=A, y=B

✓ Correct



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7. Consider the function step, when will the function return a value of 1?

1 / 1 point

```
1 def step(x):  
2     if x>0:  
3         y=1  
4     else:  
5         y=0  
6     return y
```

- ☒ if x is larger than 0
- ☐ if x is equal to or less than zero
- ☐ if x is less than zero

✓ **Correct**

correct, the value of y is 1 only if x is larger than 0

8. What is the output of the following lines of code?

1 / 1 point

```
1 a=1  
2  
3 def do(x):  
4     a=100  
5     return(x+a)
```



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8. What is the output of the following lines of code?

1 / 1 point

```
1  a=1
2
3  def do(x):
4      a=100
5      return(x+a)
6
7  print(do(1))
8
```

- ☐ 2
- ☒ 101
- ☐ 102

✓ **Correct**

Correct, the value of a=100 exists in the local scope of the function. Therefore the value of a=1 in the global scope is not used.



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9. Write a function name **add** that takes two parameter **a** and **b**, then return the output of **a + b** (Do not use any other variable! You do not need to run it. Only write the code about how you define it.)

1 / 1 point

```
1 def add(a,b):  
2     return a+b
```

Run

Reset

✓ Correct

Good job!

10. Why is it best practice to have multiple except statements with each type of error labeled correctly?

1 / 1 point

- ☐ Ensure the error is caught so the program will terminate
- ☒ In order to know what type of error was thrown and the location within the program
- ☐ To skip over certain blocks of code during execution
- ☐ It is not necessary to label errors

✓ Correct