

✓ Congratulations! You passed!

Grade
received **90%**Latest Submission
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1. What is the output of the following code?

1 / 1 point

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

- ☒ Go Mike
- ☐ Mike
- ☐ Stop Mike

✓ **Correct**

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
```

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

✓ **Correct**
Correct

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

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

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

0 / 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

✗ **Incorrect**
incorrect, we change the attribute on line 15

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

1 / 1 point

```

1   def delta(x):
2       if x==0:
3           y=1
4       else:
5           y=0

```

```
5 | y=y  
6 | return(y)
```

- ☐ When the input is anything but 0
- ☐ When the input is 1
- ☐ Never
- ☒ When the input is 0

✓ **Correct**
Correct

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.

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  
3
```

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**