

✓ Congratulations! You passed!

Go to next item

Grade received 100% Latest Submission Grade 100% To pass 70% or higher

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 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
```

```

5 | self.y=y
6
7 | def print_point(self):
8 |
9 |     print('x=',self.x, ' y=',self.y)
10
11 | p1=Points(1,2)
12 | p1.print_point()

```

- ☐ x=1;
☒ x=1 y=2
☐ y=2

☒ 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 ?

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
 correct

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)
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
```

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