Congratulations! You passed!

Grade received 90% | Latest Submission Grade 90% | To pass 70% or higher

Go to next item

1. What is the output of the following code? 1 / 1 point

```
x="Go"

if(x=="Go"):

  print('Go ')

else:

  print('Stop')

print('Mike')
```

- (•) Go Mike
- ( ) Mike
- ( ) Stop Mike

Correct

2. What is the result of the following lines of code? 1 / 1 point

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

- (•) True
- ( ) False

Correct
Correct

3. What is the output of the following few lines of code? 1 / 1 point

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

```

- (•) 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

```
class Points(object):
  def __init__(self,x,y):

    self.x=x
    self.y=y

  def print_point(self):

    print('x=',self.x,' y=',self.y)

p1=Points(1,2)
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

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

```
class Points(object):
  def __init__(self,x,y):

    self.x=x
    self.y=y

  def print_point(self):

    print('x=',self.x,' y=',self.y)

p2=Points(1,2)

p2.x=2

p2.print_point()
```

- ◉ x=2 y=2
- ○ x=1 y=2
- ○ x=1 y=1

Correct
correct,

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

Consider the function step, which will return a value of 1.

1 / 1 point

```
def step(x):
    if x>0:
        y=1
    else:
        y=0
    return y
```

- (●) if x is larger than 0
- ( ) if x is equal to or less then 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

```
a=1

def do(x):
    return(x+a)

print(do(1))
```

- (●) 2
- ( ) 1
- ( ) NameError: name 'a' is not defined

Correct
correct, the value of **a** in the global scope will be 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.)

0 / 1 point

```
def add(a):
    """
    add 1 to a
    """
    b = a + 1
    print(a, "if you add one", b)
    return(b)

help(add)
```

Run
Reset

Incorrect

Expected method 'add' to be defined as:

def add(a, b):
  ...

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