

Quiz 2 Reading More Python Functions

Name _____

Write your answers to the questions here.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Quiz 2 Reading More Python Functions

For the following questions, circle the letter of the MOST correct answer.

1. Select the box that shows the output after the program is executed.

```
def main1():  
    x = 5  
    y = 7  
    s = x + 3 * 4 - y  
    print s  
main1()
```

(a) 10

(b) -4

(c) -24

(d) 25

2. Select the box that shows the output after the program is executed.

```
def function2(a, b):  
    if a == b:  
        return a  
    else:  
        return b  
def main2():  
    x = function2(4, 8)  
    y = function2(7, 5)  
    s = x + y  
    print s  
main2()
```

(a) 9

(b) 15

(c) 11

(d) 13

3. Select the box that shows the output after the program is executed.

```
def function3(a,b):  
    s = 0  
    for j in range(a, b, 2):  
        s = s + j  
    return s  
def main3():  
    t = function3(4,10)  
    print t  
main3()
```

(a) 12

(b) 18

(c) 10

(d) 20

- 4.

Select the box that shows the output after the program is executed.

```
def main4():  
    u = 0  
    w = 0  
    while u < 5:  
        u = u + 1  
        w = w + u  
    print u, w  
main4()
```

(a) 4 10	(b) 5 5	(c) 5 15	(d) 6 120
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5. Select the box that shows the output after the program is executed.

```
def function5(s, a, b):  
    t = s[a:b]  
    return t  
def main5():  
    msg = "Ace this quiz!"  
    sub = function5(msg, 5, 7)  
    print sub  
main5()
```

(a) Ace thi	(b) quiz!	(c) this	(d) hi
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6. Select the box that shows the output after the program is executed.

```
def function6(s, t, u):  
    w = s + t + u  
    return w  
def main6():  
    x = function6("3", "1", "4")  
    print x  
main6()
```

(a) 314	(b) cad	(c) 12	(d) 8
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7. Select the box that shows the output after the program is executed.

```
def function7(s):  
    count = 0  
    for i in range(len(s)):  
        if s[i] == 'x' or s[i] == 'a':  
            count = count + 1  
    return count  
def main7():  
    v = function7("texas vs arkansas")  
    print v  
main7()
```

(a) 12	(b) 2	(c) 17	(d) 5
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8. Select the box that shows the output after the program is executed.

```
def function8(s):
    v = len(s)
    return v
def main8():
    x = function8("hello")
    y = function8("goodbye")
    z = function8("aloha")
    print x + y + z
main8()
```

(a) 17	(b) 575	(c) 7	(d) 5
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9. Select the box that shows the output after the program is executed.

```
def function9():
    s = 1
    while s < 10:
        s = s + s
    return s
def main9():
    x = function9()
    print x
main9()
```

(a) 8	(b) 10	(c) 16	(d) 9
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10. Select the box that shows the output after the program is executed.

```
def function10(s):
    t = ""
    for c in s:
        if c != "a" and c != "e" and c != "i" and c != "o" and c != "u":
            t = t + c
    return t
def main10():
    a = function10("call me ishmael")
    print a
main10()
```

(a) <nothing>	(b) aeiae	(c) call me ishmael	(d) cll m shml
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