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.

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

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| --- | --- | --- | --- |
| (a) 10 | (b) -4 | (c) -24 | (d) 25 |

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

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| --- |
| 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() |

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| (a) 9 | (b) 15 | (c) 11 | (d) 13 |

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

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| --- |
| 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() |

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| (a) 12 | (b) 18 | (c) 10 | (d) 20 |

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

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

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| --- | --- | --- | --- |
| (a) 4 10 | (b) 5 5 | (c) 5 15 | (d) 6 120 |

1. 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 |

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

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

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| --- | --- | --- | --- |
| (a) 314 | (b) cad | (c) 12 | (d) 8 |

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

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| --- |
| 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() |

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| --- | --- | --- | --- |
| (a) 12 | (b) 2 | (c) 17 | (d) 5 |

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

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

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| (a) 17 | (b) 575 | (c) 7 | (d) 5 |

1. 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() |

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| (a) 8 | (b) 10 | (c) 16 | (d) 9 |

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

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| --- |
| 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 |