

## Quizlet 3

```

1 def mystery2(x):
2     total = 0
3     while x > 0:
4         print(x, total) # What will be printed in each iteration?
5         if x % 3 == 0:
6             return total
7         total = total + x
8         x = x - 1
9     return total
10
11 result = mystery2(5)

```

Given the code above, what values for `x` and `total` will be printed in each iteration? **You will not need all the table rows.**

| Iteration number | Printed value of <code>x</code><br>(line 4) | Printed value of <code>total</code><br>(line 4) |
|------------------|---------------------------------------------|-------------------------------------------------|
| 1                | 5                                           | 0                                               |
| 2                | 4                                           | 5                                               |
| 3                | 3                                           | 9                                               |
| 4                |                                             |                                                 |
| 5                |                                             |                                                 |
| 6                |                                             |                                                 |
| 7                |                                             |                                                 |
| 8                |                                             |                                                 |
| 9                |                                             |                                                 |
| 10               |                                             |                                                 |
| 11               |                                             |                                                 |
| 12               |                                             |                                                 |

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|------------------|---------------------------------------------|-------------------------------------------------|
| 1                |                                             |                                                 |
| 2                |                                             |                                                 |
| 3                |                                             |                                                 |
| 4                |                                             |                                                 |
| 5                |                                             |                                                 |
| 6                |                                             |                                                 |
| 7                |                                             |                                                 |
| 8                |                                             |                                                 |
| 9                |                                             |                                                 |
| 10               |                                             |                                                 |
| 11               |                                             |                                                 |
| 12               |                                             |                                                 |

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