

# Quiz 2 - Week 2

This quiz is designed to test your understanding of the topics covered in **Week 2** of the Python FREE Online Ramzan Course 2025. The quiz focuses on the following concepts:

- **Loops** (for and while)
- **Lists** (creation, indexing, slicing, and methods)
- **Tuples** (immutability, indexing, and methods)
- **Dictionaries** (key-value pairs, methods, and looping)
- **Sets** (unique elements, operations, and methods)

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\* Indicates required question

1. Email \*

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2. Your Name (In Google Classroom profile) \*

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3. Your Actual Name \*

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4. Which method is used to add an element to the end of a list? \*

1 point

Mark only one oval.

- ☐ insert()
- ☐ append()
- ☐ extend()
- ☐ add()

5. What will be the output of the following code? \*

1 point

```
for i in range(3):  
    print(i)
```

Mark only one oval.

- ☐ 0 1 2
- ☐ 1 2 3
- ☐ 0 1 2 3
- ☐ 1 2

6. What will be the output of the following code? \*

1 point

```
my_tuple = (1, 2, 3)  
my_tuple[1] = 4  
print(my_tuple)
```

Mark only one oval.

- ☐ (1, 4, 3)
- ☐ (1, 2, 3)
- ☐ Error
- ☐ (4, 2, 3)

7. Which of the following is true about dictionaries? \*

1 point

Mark only one oval.

- ☐ Keys must be mutable.
- ☐ Values can be of any data type.
- ☐ Dictionaries are ordered collections.
- ☐ Keys can be duplicated.

8. What will be the output of the following code? \*

1 point

```
set1 = {1, 2, 3}
set2 = {3, 4, 5}
print(set1.intersection(set2))
```

Mark only one oval.

- ☐ {1, 2, 3, 4, 5}
- ☐ {3}
- ☐ {1, 2}
- ☐ {4, 5}

9. What will be the output of the following code? \*

1 point

```
i = 5
while i > 0:
    print(i, end=" ")
    i -= 1
    if i == 2:
        break
```

Mark only one oval.

- ☐ 5 4 3
- ☐ 5 4 3 2
- ☐ 5 4 3 2 1
- ☐ 5 4

10. What will be the output of the following code? \*

1 point

```
my_list = [1, 2, 3, 4, 5]
print(my_list[-2])
```

Mark only one oval.

- ☐ 1
- ☐ 4
- ☐ 5
- ☐ Error

11. Which of the following is a valid tuple? \*

1 point

Mark only one oval.

- ☐ (1, 2, 3)
- ☐ [1, 2, 3]
- ☐ {1, 2, 3}
- ☐ 1, 2, 3

12. What will be the output of the following code? \*

1 point

```
my_dict = {"a": 1, "b": 2, "c": 3}
print(my_dict.get("d", "Not Found"))
```

Mark only one oval.

- ☐ None
- ☐ Error
- ☐ Not Found
- ☐ 0

13. Which method is used to remove an element from a set without raising an error if the element does not exist? \* 1 point

*Mark only one oval.*

☐ remove()

☐ discard()

☐ pop()

☐ clear()

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