

a short quiz to test your knowledge of lists in Python:

1. What is a list in Python?

- a) A data type that stores a collection of items
- b) A data type that stores a single value
- c) A function that performs a specific task

2. How do you create an empty list in Python?

- a) `list()`
- b) `[]`
- c) Both a and b

3. How do you add an element to the end of a list in Python?

- a) `append()`
- b) `add()`
- c) `insert()`

4. How do you access the first element of a list in Python?

- a) `list[0]`
- b) `list(0)`
- c) `first(list)`

5. How do you access the last element of a list in Python?

- a) `list[-1]`
- b) `last(list)`
- c) `list[len(list)-1]`

6. How do you get the length of a list in Python?

- a) `length(list)`
- b) `len(list)`
- c) `list.length()`

7. How do you check if an element is in a list in Python?

- a) `element in list`
- b) `list.contains(element)`
- c) `element.contains(list)`

8. How do you remove an element from a list in Python?

- a) `delete()`
- b) `remove()`
- c) `discard()`

9. How do you sort a list in ascending order in Python?

- a) `sort()`
- b) `sorted()`
- c) `ascending()`

10. How do you reverse the order of elements in a list in Python?

- a) `reverse()`
- b) `reversed()`
- c) `flip()`

Answers:

- | | |
|------|-------|
| 1. A | 6. B |
| 2. C | 7. A |
| 3. A | 8. B |
| 4. A | 9. A |
| 5. A | 10. A |