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Question 1:

Tuples allow duplicate values

True

False

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Question 2:

Guess the output of this program:

1. print((1, 2) + ('Why') == (1, 2, 'Why'))

True

False

Error

('Why') is not tuple. Write ('Why',)

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Question 3:

Guess the output of this program:

1. print(len(()+()+()))

0

3

Error

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Question 4:

Guess the output of this program:

1. print(sorted((3, 2, 1)) + (4, 5))

(1, 2, 3, 4, 5)

[1, 2, 3, 4, 5]

(3, 2, 1, 4, 5)

Error

Sorted return a list

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Question 5:

Guess the output of this program:

1. class Student:
2. def \_\_init\_\_(self, id, name, gpa = 3.9):
3. self.info = ('name', name, 'gpa', gpa)
4. self.info = [id, self.info]

7. student1 = Student(10, 'mostafa')
8. student2 = Student(20, 'ziad', 3.1)
10. t = student1, student2
12. t[0].info = t[1].info
14. print(t[0].info[1][3])

3.9

3.1

'mostafa'

'ziad'

'gpa'

Error

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Question 6:

Guess the output of this program:

1. lst1 = [1, 2, 3]
2. lst1 += ['x', 'y']
3. a, \*b, c, d = lst1

[2, 3]

[2]

[3]

[2, 3, 'x']

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Question 7:

Guess the output of this program:

1. def f(\*nums):
2. res = 0
3. for item in nums:
4. res += item
5. return res

8. print(f(7, 2, 1))

10

14

Error

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Question 8:

Guess the output of this program:

1. def f(\*args):
2. result = 0
3. for x in args:
4. result += x
5. return result
7. list1 = [1, 2]
8. list2 = [3]
9. list3 = [4, 5, 6]
11. print(f(\*list1, \*list2, \*list3))

Error

21

[[1, 2], [3], [4, 5, 6]]

[1, 2, 3, 4, 5, 6]

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Question 9:

Guess the output of this program:

1. lst1 = [1, 2]
2. lst2 = [3, 4]
3. t = (lst1, lst2)
4. print(t[1][1])

Error

1

2

3

4

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Question 10:

Guess the output of this program:

1. t = (1, (2, 3)), [4, (5, 6)]
3. x, y = t
4. print(y[0])

1

2

3

4

5

6

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Question 11:

Guess the output of this program:

1. res = ''
3. for idx, (c1, c2, c3) in enumerate(zip('abc', 'xyzw', '12345')):
4. res += (c1+c2+c3)\*idx
6. print(res)

Error

ax1by2by2cz3cz3cz3

by2cz3cz3

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Question 12:

Guess the output of this program:

1. def f():
2. return 5, 7, 9, 15
4. print(f()[2])

5

7

9

15

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Question 13:

Guess the output of this program:

1. lst1 = [10, 20, 30, 40]
2. lst2 = list(range(100))
4. for x, y in zip(lst1, lst2):
5. print(x, y, end=' ')
6. lst1.clear()

Error

10 0

10 0 20 1 30 2 40 3

zip will recognize that you altered the content.

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