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Question 1:

Guess the output of this program:

1. lst = [10, 30, 20]
3. lst[1] += 1
4. lst[2] = 2
5. lst[3] -= 3
7. print(lst[1] + lst[2] + lst[3])

Error

30

35

Other value

IndexError: list index out of range

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Question 2:

Guess the output of this program:

1. lst = [10, 30, 20]
3. lst[0] += 1
4. lst[1] = 2
5. lst[2] -= 3
7. print(lst[0] + lst[1] + lst[2])

Error

30

35

Other Value

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Question 3:

Guess the output of this program:

1. print([0] \* 0 + [1] \* 1 + [2] \* 2 + 3 \* [3])

[1, 2, 2, 3, 3, 3]

Error

[0, 1, 2, 2, 3, 3, 3]

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Question 4:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list += 7
4. print(my\_list)

Error

[1, 5, 10, 7]

You should append something that we can iterate over it

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Question 5:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list += ['Hey']
4. print(my\_list)

Error

[1, 5, 10, 'Hey']

[1, 5, 10, 'H', 'e', 'y']

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Question 6:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list += 'Hey'
4. print(my\_list)

Error

[1, 5, 10, 'Hey']

[1, 5, 10, 'H', 'e', 'y']

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Question 7:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list.append('Hey')
4. print(my\_list)

Error

[1, 5, 10, 'Hey']

[1, 5, 10, 'H', 'e', 'y']

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Question 8:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list.extend('Hey')
4. print(my\_list)

Error

[1, 5, 10, 'H', 'e', 'y']

[1, 5, 10, 'Hey']

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Question 9:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list.extend(15)
4. print(my\_list)

Error

[1, 5, 10, 15]

We can't iterate over 15. It should be [15]

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Question 10:

Guess the output of this program:

1. my\_list = [1, 5, 10]
2. my\_list.insert(0, 'Hey')
4. print(my\_list)

Error

['Hey', 1, 5, 10]

['H', 'e', 'y', 1, 5, 10]

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Question 11:

Guess the output of this program:

1. my\_list = [1, 2, 3]
2. my\_list.remove(1)
3. my\_list.pop(1)
5. print(my\_list)

Error

[1]

[2]

[3]

# the first occurrence of 1 is removed from the list

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Question 12:

Guess the output of this program:

1. my\_list = ['mostafa', 'mostafa']
3. print(my\_list.index('mostafa'))

0

1

Both previous answers

Error

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