

What will be the output of the following code:

1 / 1 point

```
a = [[96], [69]]
```

```
print("".join(list(map(str, a))))
```

☒ "[96][69]"

☐ "[96],[69]"

☐ [96][69]

☐ "9669"

☒ Correct

Correct – It will initially be a list of strings such as ['[96]', '[69]'] which is then converted into a conjoined string.

2.Which of the following is TRUE about the map() and filter() functions?

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☒ Both the map() and filter() functions are built-in.

☐ Both the map() and filter() functions need to be defined before we use them.

☐ The map() function is built-in, but the filter() function needs to be defined first.

☐ The map() function needs to be defined first, but the filter() function is built-in.

☒ Correct

Correct! Function you pass to filter() and map() function may need definition, but they both are built-in.

3.What will be the output of the following code:

```
1 z = ["alpha", "bravo", "charlie"]
2 new_z = [i[0]*2 for i in z]
3 print(new_z)
```

☐ ['aa'], ['bb'], ['cc']

☒ ['aa', 'bb', 'cc']

☐ ['a', 'b', 'c']

☐ ['alphaalpha', 'bravobravo', 'charliecharlie']

☒ Correct

Correct. The output will be a list of strings.