question

What is the output of the following snippet?

```python
my_list_1 = [1, 2, 3]
my_list_2 = []
for v in my_list_1:
    my_list_2.insert(0, v)
print(my_list_2)
```

options

[3, 3, 3]

[1, 2, 3]

[3, 2, 1]

[1, 1, 1]

answer - c

To insert an element into a Python list at a specific position, you can use the insert() method.

list.insert(index, element)

Here my_list_2.insert(0, v) is used for every iteration in the loop. Since the index is always 0, element is inserted always at the beginning of the list.

first iteration
[1]
second iteration
[2,1]
third iteration
[3,2,1]