

Que 1: Given a Python list you should be able to display Python list in the following order

```
aList = [100, 200, 300, 400, 500]
```

Expected output:

```
[500, 400, 300, 200, 100]
```

Question 2: Given a Python list. Turn every item of a list into its square

```
aList = [1, 2, 3, 4, 5, 6, 7]
```

Expected output:

```
[1, 4, 9, 16, 25, 36, 49]
```

Question 3: Given a Python list, find value 20 in the list, and if it is present, replace it with 200. Only update the first occurrence of a value

```
list1 = [5, 10, 15, 20, 25, 50, 20]
```

Expected output:

```
list1 = [5, 10, 15, 200, 25, 50, 20]
```

Question 4: Given a Python list, remove all occurrence of 20 from the list

```
list1 = [5, 20, 15, 20, 25, 50, 20]
```

Expected output:

```
[5, 15, 25, 50]
```

Que : What will be the output of the code below?

```
list = ['a', 'b', 'c', 'd', 'e']  
print list[10:]
```

Que : Consider the following code snippet:

```
1. list = [[]] * 5  
2. list # output?  
3. list[0].append(10)  
4. list # output?  
5. list[1].append(20)  
6. list # output?  
7. list.append(30)  
8. list # output?
```

What will be the output of lines 2, 4, 6, and 8? Explain your answer.

Que :. What will be the output of the following code snippet?

```
a=[1,2,3,4,5,6,7,8,9]  
  
print(a[::2])
```

A. [1,2]

B. [8,9]

C. [1,3,5,7,9]

D. [1,2,3]

Q-. What will be the output of the following code snippet?

```
a=[1,2,3,4,5,6,7,8,9]
```

```
print(a[::2])
```

A. [1,2]

B. [8,9]

C. [1,3,5,7,9]

D. [1,2,3]