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          Code 

Question no. 1

```
[1]: list1=[1,2,3,4,5]
      print(list1)
      print(list1[0])
      print(list1[4])
```

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

Question no.2

```
[4]: list2=[1,2,3,4,5,6,7,8,9,10]
      print(list2[5:10])
      print(list2[5:10][::-1])
```

```
[6, 7, 8, 9, 10]
[10, 9, 8, 7, 6]
```

Question no.3

```
[5]: list3=[1,2,3,4,5]
      print(list2[:3])
```

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

Question no.4

```
[15]: list4=[1,2,3,4,5]
        sum=0
        for num in list4:
            sum += num
        print("sum of all elements:",sum)
```