



Class: XI	SUB: INFORMATICS PRACTICES	Date of Completion:
Worksheet:5	TOPIC: List -manipulation	25/09/23

Q.Create lists L1 , L2 and L3 as shown

```
L1=[2,6,0,-1,11,23,6]
```

```
L2=[10,20,30,40,50]
```

```
L3=['add', 'mul', 'div', 's', 'p']
```

Guess the output:

```
1.print(L1+L2)
```

```
2.print(L2*3)
```

```
3.print(L1[0],L1[-1])
```

```
4.print(L1[2:5])
```

```
5.print(L2[::-1])
```

```
6.print(L1[2+1])
```

```
7.L2[2]=80
```

```
    print(L2)
```

```
8.print(L2+L3)
```

```
9.L3[3]=56.66
```

```
10.print(L3*2)
```

```
11.print('add' in L3)
```

```
12.print('sub' not in L3)
```

```
13.print(L1[7:2])
```

```
14.print(L3)
```

```
15. for i in range(len(L2)):
```

```
    print(L2[i])
```

```
16. for i in L2:
```

```
    print(i)
```

```
17. print(len(L1),len(L3))
18. print(list("ISWK"))
19. L1.append(100)
    print(L1)
20. L2.append([300,400])
    print(L2)
21. L1.extend([50])
    print(L1)
22. L1.extend([15,25])
    print(L1)
23. L1.insert(2,25)
    print(L1)
24. print(L1.count(6))
25. print(L2.index(30))
26. print(del L3[2])
27. print(L3.remove('s'))
28. print(L1.pop())
29. print(L1.pop(4))
30. print(L1.reverse())
31. print(L1.sort())
32. print(L2.sort(reverse=True))
33. print(min(L1))
34. print(max(L2))
35. print(sum(L2))
36. print(max(L3))
37. L4=sorted(L3)
    print(L4)
38. print(L1[0:6:2])
39. print(L1[6:0:-2])
40. print(L3.clear( ))
```
