INDIAN SCHOOL AL WADI AL KABIR

Worksheet, 2023-24

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| **Class: XI** | **SUB: INFORMATICS PRACTICES** | **Date of Completion:** |
| **Worksheet** | **TOPIC: List -manipulation** | 07-09-2023 |

Q.Create lists L1 , L2 and L3 as shown L1=[2,6,0,-1,11,23,6] L2=[10,20,30,40,50]

L3=[‘Eng’, ’Math’ ,’Chem’ ,’Phy’ ,’Comp’]

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])

1. print(L3)
2. for i in range(len(L2)): print(L2[i])
3. for i in L2:

print(i)

1. print(len(L1),len(L3))
2. 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)) 25print(L2.index(30)) 26.print(del L3[2]) 27.print(L3.remove(‘phy’))

1. print(L1.pop())
2. 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=sort(L3)

print(L4)

38.print(L1[5:0:-2])