**Interview Question PDF**

**Company Name:- Driodshift IT Solution(Delhi)**

Question:-1 How to Take a list as a Input ?

Question:-2 Take a list as a Input and reverse it ?

Question:-3 How to flatten a list of list or 2D list into single list ?

Example:-1 = [[1,2],[3,4]]  
 output:-1 = [1,2,3,4]  
 Example:-2 = [[1,2],[3,4],5]  
 output:-2 = [1,2,3,4,5]  
 Example:-3 = [‘Shiva’,[1,2],[3,4],5,'Rajat']  
 output:-3 = [‘Shiva’,1,2,3,4,5,'Rajat']

Question:-4 Sort a given list in the output format ?

Sample\_list = [-1,-1,150,140,-1,190,170]

output = [-1,-1,140,150,-1,170,190]

Explation:a[i] = -1 Then no change in the position

a[i] = 150,140 etc then short the element into list

Question:-5 Count the maximum consecutive 0 in the giver string

‘10101100100001111’ ?

Example: ‘10101100100001111’

Output: Maximum number of consecutive 0 is:- 4

***Company Name : - Lyxelandflamnigo***

input\_string = "hello how is everyone"  
  
Question 1:- Print length of each word as a space separated string  
 Output = "5 3 2 8"  
 print(output)  
 5 3 2 8  
  
Question 2:- Reverse each word of the sentence  
 Output: -olleh woh si enoyreve  
  
Question 3:- Print the longest word  
 Output:-everyone  
  
  
Question 4:- Create a dict, key would be first character of each word, and value would be list containing the words starting with the character

output:-{  
 "h":["hello","how"],  
 "i":["is"],  
 "e":["everyone"]  
 }