

Python Technical Test - Set A

1. Write a program to find a year is leap year or not?

2. Txt="pycharm is an ide"

Write a program to find out largest word from above string.

3. Lst=[2, 3,4,5]

Write a efficient program to two pair sum from above array.

Sample input : sum=7

Sample output : (2,5), (3,4)

Sample input : sum=8

Sample output : (3,5)

4. Lst=[[2,0,3],

[0,2,0],

[4,0,2]]

Create a position value matrix from the given list

2 0 3 => 0+0-2 0+1-0 0+2-3

0 2 0 => 1+0-0 1+1-2 1+2-0

4 0 2 => 2+0-6 2+1-0 2+2-2

Final output :

[[-2,1,-1],

[1,0,3],

[-4,3,2]]

5. Given a file consist of valid and invalid PAN numbers. Create program to write the valid pan numbers to new text file

pans.txt