**PySoft IT Solution Corporate Training Center, PunePython Programming Questions(Dict, Function)**

**Write Python programs using Functions:**

1. Python program to sort Python Dictionaries by Keys

2. Python program to sort Python Dictionaries by Values

3. Python program to find the sum of all items in a dictionary

4. Python program to remove a key from a dictionary

5. Python program to merge two Dictionaries

6. Program to create grade calculator in Python

7. Print anagrams together in Python using List and Dictionary

8. Check if binary representations of two numbers are an anagram

9. Python Counter to find the size of the largest subset of anagram words

10. Python Dictionary to find mirror characters in a string

11. Counting the frequencies in a list using a dictionary in Python

12. Python program to convert a list of Tuples into Dictionary

13. Python dictionary, set and counter to check if frequencies can become same 14. Scraping And Finding Ordered Words In A Dictionary using Python

15. Create a list of tuples from the given list having a number and its cube in each tuple 16. Sort a list of tuples by the second Item

17. Python Program for Insertion Sort, QuickSort, Selection, Bubble Sort and Merge Sort 18. Python program to convert time from 12 to 24-hour format(08:30:25 PM to 20:30:25) 19. Python Program for Find largest prime factor of a number

20. Python Program for Product of unique prime factors of a number

21. Python Program for Find sum of odd factors of a number

22. Python Program to Check if binary representation is a palindrome

23. Python Program for Number of elements with odd factors in a given range 24. Python Program for Common Divisors of Two Numbers

25. Python Program to Check if a count of divisors is even or odd

26. Python Program to Find the minimum sum of factors of a number

27. Python Program to find Difference between sums of odd and even digits

28. Python Program for Largest and Smallest K digit number divisible by X

29. Python Program to calculate the area of a Tetrahedron

30. Python Program to Find the perimeter of a cylinder

31. Python Program to Find the vertex, focus, and directrix of a parabola

32. Python program to find the most occurring character and its count 33. Python Program to Find the sum of even factors of a number 34. Python Program to Check if all digits of a number divide it

35. Python program to convert float decimal to Octal number

36. Python program to copy odd lines of one file to other

37. Write a Python program to replace whitespaces with an underscore and vice versa 38. Write a Python program to convert a date or yyyy-mm-dd format to dd-mm-yyyy 39. Write a Python program to find all words starting with 'a' or 'e' in a given string. 40. Write a Python program to abbreviate 'Road' as 'Rd.' in a given string.