

PYTHON CODING EXERCISE

TOPIC: Functions

Write Python programs using Functions:

1. Python Program for Find largest prime factor of a number
2. Python Program to find Factorial of Number
3. Python Program to Check if binary representation is a palindrome
4. Python Program to Find the minimum sum of factors of a number
5. Python Program to find Difference between sums of odd and even digits
6. Python Program for Largest and Smallest K digit number divisible by X
7. Python Program to calculate the area of a Tetrahedron
8. Python Program to Find the perimeter of a cylinder
9. Python Program to Find the vertex, focus, and directrix of a parabola
10. Python program to find the most occurring character and its count
11. Python Program to Find the sum of even factors of a number
12. Python Program to Check if all digits of a number divide it
13. Python program to convert float decimal to Octal number
14. Python program to copy odd lines of one file to other
15. Write a Python program to replace whitespaces with an underscore and vice versa
16. Write a Python program to convert a date or yyyy-mm-dd format to dd-mm-yyyy
17. Write a Python program to find all words starting with 'a' or 'e' in a given string.
18. Write a Python program to abbreviate 'Road' as 'Rd.' in a given string