PYTHON CODING EXERCISE

Topics: List, Tuple

1. Python Program to find the largest element in the list
2. Python program to interchange first and last elements in a list.
3. Python program to swap two elements in a list
4. Python program to Reverse a List
5. Python program to count occurrences of an element in a list
6. Python program to find the sum of elements in a list
7. Python program to Multiply all numbers in the list
8. What are the ways to find the length of a list?
9. Python program to find the smallest and largest number in a list (Without min-max function)
10. Python Program to find the area of a circle
11. Take inputs from the user to make a list. Again, take one input from the user and search it in the list and delete that element, if found. Iterate over a list using for loop.
12. You are given a list of integer elements. Make a new list that will store a square of elements of the previous list. (With and without list comprehension)
    i. Input_list = [2,5,6,12] ii. Output_list = [4,25,36,144]
13. WAP to create two lists, one containing all even numbers and the other containing all odd numbers between 0 to 151
14. Python program to Count Even and Odd numbers in a List
15. WAP to make new lists, containing only numbers which are divisible by 4, 6, 8, 10, 3, 5, 7, and 9 in separate lists for range(0,151)
16. From a list containing ints, strings, and floats, make three lists to store them separately.
17. What's The Difference Between The Python append() and extend() Methods?
18. Write a Python program to append a list to the second list
19. Write a Python program to find the third-largest number in a list
20. Write a Python program to get the frequency of the elements in a list.
21. Write a Python program to check whether a list contains a sublist
22. Write a Python program to generate all sublists of a list
23. Write a Python program to find common items from two lists
24. How to flatten a list in python?
25. How to sort a list in ascending and descending order without using the sort function?
26. How to sort a tuple?

27. Write a Python program to convert a list of multiple integers into a single integer a. [11, 33, 50] >>> 113350
28. How to flatten a list in python
29. Concatenate two lists?
30. Difference between copy and deep copy?
31. How to check whether the list is empty or not?
32. Difference between indexing and Slicing?