

S.No.	Program
1.	Write a Python program to print "Hello, World!" to the console.
2.	Write a Python program to add two numbers and print the result to the console.
3.	Write a Python program to find the maximum of two numbers.
4.	Write a Python program to find the sum of all elements in a list.
5.	Write a Python program to print the first n Fibonacci numbers.
6.	Write a Python program to check if a number is prime or not.
7.	Write a Python program to reverse a string.
8.	Write a Python program to count the number of vowels in a string.
9.	Write a Python program to check if a string is a palindrome or not.
10.	Write a Python program to sort a list of numbers in ascending order.
11.	Write a Python program to find the sum of all elements in a given list.
12.	Write a Python program to find the largest element in a given list.
13.	Write a Python program to find the smallest element in a given list.
14.	Write a Python program to find the second largest element in a given list.
15.	Write a Python program to find the second smallest element in a given list.
16.	Write a Python program to remove duplicates from a given list.
17.	Write a Python program to reverse a given list.
18.	Write a Python program to sort a given list in ascending order.
19.	Write a Python program to sort a given list in descending order.
20.	Write a Python program to find the median of a given list.
21.	Write a Python program to find the mode of a given list.
22.	Write a Python program to find the average of a given list.
23.	Write a Python program to find the difference between the largest and smallest elements in a given list.
24.	Write a Python program to find the index of a given element in a list.

25.	Write a Python program to find the number of occurrences of a given element in a list.
26.	Write a function find(name) in python to display all the names from a list of names which are starting from alphabet 'p'.
27.	Write a function disp(name) in python to display all the names from a list of names whose length is of four characters.
28.	Write a function previous(List, name) which is accepting list of names and a name and display the index value of the first occurrence of the name passed in the list.
29.	Write a program in python which multiply all the numbers in the list by 3. L = ['Amit', 'Suman', 4, 8, 'Jack', 9]
30.	Write a program in python which add all the numbers in the list. L = ['Keyboard', 7, 'Ram', 9, 'Monitor', 11, 'Mouse']
31.	Write a program in python which convert all the odd numbers in the list to even by adding 1.
32.	Write a program in python which print the table of first even number. like the list is L = [23, 13, 101, 6, 81, 9, 4] so table of 6 will be printed.
33.	Write a program in python which swap the alternate members of list (assuming that even number of elements in the list). like as shown below: Original List: L = [23, 45, 67, 29, 12, 1] After Swaping : L = [45, 23, 29, 67, 1, 12]
34.	Write a function mul7(list) in python which takes list as argument and multiply only those numbers which are multiples of 7.
35.	Write a program in python which concatenate all the numbers present in the list. Original List: [12, 34, 43, 2, 34] Output = 123443234
36.	Write a program in python which display only those names from the list which have 'i' as second last character. like L = ['Amit', 'Suman', 'Sumit', 'Montu', 'Anil'] Output : Amit Sumit
37.	Write a program in python which display only those names

	<p>from the list Whose first character is vowel. like L = ['Amit', 'Suman', 'Sumit', 'Montu' , 'Uma', 'Emil']</p> <p>OUTPUT is:</p> <p>Amit</p> <p>Uma</p> <p>Emil</p>
38.	<p>Write a program in python which removes the last element from the list and insert it in the beginning. like</p> <p>Original List : L = [1, 3, 2, 34, 'amit', 7, 5]</p> <p>News List : L = [5, 1, 3 , 2, 34, 'amit', 7]</p>
39.	<p>Write a function countf(List, num) which takes a list of numbers and a number as an argument and display the frequency of that number in the list. (without using inbuilt function 'count')</p>
40.	<p>Write a function change(L, n) which takes a list and number as an argument and remove that much elements from the end of the list and add those numbers in the beginning of the list.</p> <p>for example</p> <p>Original List : L = [34, 23, 12, 54, 43, 89, 67]</p> <p>Output List : L = [43, 89, 67, 34, 23, 12, 54] # if the number passed is 3</p> <p>Original List: L = [34, 23, 12, 54, 43, 89, 67]</p> <p>Output List: L = [54, 43, 89, 67, 34, 23, 12] # if the number passed is 4</p>
41.	<p>Write a function double(L) in python which take a list as an argument and if an element is numeric then multiply it by 3 and if it is a string then concatenate that element with itself.</p> <p>for example</p> <p>Original List : L = [1, 2, 'amit', 5, 'list']</p> <p>Output List : L = [3, 6, 'amitamit', 15 , 'listlist']</p>
42.	<p>Write a program that arrange all odd numbers on left side of the list and even numbers on the right side of the list.</p> <p>for example</p> <p>Original List : L = [23, 44, 65, 78, 34, 21, 9]</p> <p>Output List: L = [9, 21, 65, 23, 44, 78, 34]</p>
43.	<p>Write a function disp(L) which takes a given list of five names as argument and display only those names which are starting from either 'A' or 'E'. L = ('Amit', 'Esha', 'Sumit', 'Naman', 'Anuj']</p>