

1. Write a function to print the table of a given number. The number has to be entered by the user.
2. Write a program that prints minimum and maximum of five numbers entered by the user.
3. Write a program, using for loop to generate the sequence: -5, 10, -15, 20, -25..... upto n, where n is an integer input by the user
4. Write a program, using while loop to generate the sequence: -5, 10, -15, 20, -25..... upto n, where n is an integer input by the user
5. Write a program to find the sum of $1 + \frac{1}{8} + \frac{1}{27} + \dots + \frac{1}{n^3}$, where n is the number input by the user.
6. Write a program to find the sum of digits of an integer number, input by the user.
7. Write a function that checks whether an input number is a palindrome or not. [Note: A number or a string is called palindrome if it appears same when written in reverse order also. For example, 12321 is a palindrome while 123421 is not a palindrome]
8. Write a program to find the grade of a student when grades are allocated as given in the table below.

Percentage of Marks	Grade
Above 90%	A
80% to 90%	B
70% to 80%	C
60% to 70%	D
Below 60%	E

Percentage of the marks obtained by the student is input to the program.

9. Write a program using a user defined function that displays sum of first n natural numbers, where n is passed as an argument.
10. Write a program using a user defined function myMean() to calculate the mean of values stored in a list.
11. Write a program using a user defined function that accepts the first name and lastname as arguments, concatenate them to get full name and displays the output as: "Hello full name"
12. Write a program using user defined function that accepts length and breadth of a rectangle and returns the area of the rectangle.
13. Input a string having some digits. Write a function to return the sum of digits present in this string
14. Write a program to input a string from the user and print it in the reverse order without creating a new string.
15. Write a program which reverses a string passed as parameter and stores the reversed string in a new string. Use a user defined function for reversing the string
16. Read a list of n elements. Pass this list to a function which reverses this list in-place without creating a new list
17. Write a program to read elements of a list
 - a) The program should ask for the position of the element to be deleted from the list. Write a function to delete the element at the desired position in the list.
 - b) The program should ask for the value of the element to be deleted from the list. Write a function to delete the element of this value from the list.

18. Write a program to read a list of elements. Modify this list so that it does not contain any duplicate elements, i.e., all elements occurring multiple times in the list should appear only once.
19. Write a program to find the number of times an element occurs in the list.
20. Write a program to read a list of n integers (positive as well as negative). Create two new lists, one having all positive numbers and the other having all negative numbers from the given list. Print all three lists.
21. Write a function that returns the largest element of the list passed as parameter.
22. Write a function to return the second largest number from a list of numbers.
23. Write a program to read a list of n integers and find their median.
24. Write a program to calculate average marks of n students using a function where n is entered by the user.
25. Write a Python program to create a dictionary from a string.
Note: Track the count of the letters from the string. Sample string : 'w3resource' Expected output : {'3': 1, 's': 1, 'r': 2, 'u': 1, 'w': 1, 'c': 1, 'e': 2, 'o': 1}
26. Write a program to count the number of times a character appears in a given string.
27. Write a function to convert a number entered by the user into its corresponding number in words. For example, if the input is 876 then the output should be 'Eight Seven Six'.
28. Write a function that finds the largest value in a list
29. Write a program to find lcm of 2 numbers
30. Write a program to find hcf of 2 numbers, using recursion
31. Write a program to find hcf of 2 numbers, without recursion
32. Write a program to find factorial of a number, without recursion
33. Write a program to find factorial of a number, using recursion
34. Write a program to check if the number is product of 2 consecutive numbers
35. Write a program to check if number is prime
36. Write a program to print all the prime numbers between 1 to 100
37. Write a program to swap two numbers using a third variable
38. Write a program to repeat the string "GOOD MORNING" n times. Here 'n' is an integer entered by the user.