

1. Write a program to sum all the elements from  $n_1$  to  $n_2$  where  $n_1$  and  $n_2$  are positive integers.
2. Input an array of  $n$  numbers and find separately the sum of positive numbers and negative numbers.
3. Write a program to search an element using linear search.
4. Write a program to search an element using binary search.
5. Write a program to simulate stack.
6. using a stack evaluate an arithmetic expression.
7. Write a program to multiply two matrices.
8. Write a program to find the roots of a quadratic equation.
9. Write a program to insert a number in a sorted array.
10. Write a Python Program to check whether the given string is palindrome or not using built in string manipulation methods.
11. Write a Python Program to read a word and prints the number of letters, vowels and percentage of vowels in the word using dictionary.
12. Write a Python Program to check a given sentence is a pangram or not using function/Module.