

S.No	Program Description	Program Name
1	Write a python program using functions to check whether the entered string is a palindrome or not.	Palindrome check
2	Write a python program to pass list to a function and double the odd values and half even values of a list and display list element after changing.	List operations
3	Write a Python program input n numbers in tuple and pass it to function to count how many positive and negative numbers are entered.	Tuple operations
4	Write a Python program using function with key and value, and update value at that key in dictionary entered by user.	Dictionary operations
5	Write a Python program (Random Number Generator) that generates random numbers between 1 and 6 (simulates a dice) using user defined function.	Random number generation
6	Write a python program using functions to accept a hyphen- separated sequence of words as input and prints the sorted words. Eg. Input - green-red-black-white ; Output: black-green-red-white	Sorting of words using functions

7	Write a python program using functions to read a text file line by line and display each word separated by a #.	Operations using text file
8	Read a text file and display the number of vowels/ consonants/ uppercase/lowercase characters in the file.	Character check using Text file
9	Write a Python program to pass a string to a function and count how many vowels present in the string.	String Operations
10	Using python, remove all the lines that contain the character 'a' in a file and write it to another file	Remove line using text File
11	Create a binary file using python with name and roll number. Search for a given roll number and display the name, if not found display appropriate message.	Search operation using binary file
12	Create a binary file using python with roll number, name and marks. Input a roll number and update the marks.	Update details using binary file
13	Write a Python program to create a CSV file with name and roll number and perform search for a given roll number and display the name.	Search details using csv file
14	Write a Python program to make user define module and import same in another module or program.	Import User defined module
15	Write a python program to demonstrate the use of any 5 math functions.	Mathematical functions