

Function Exercises

Exercise 1: Define a function that accepts 2 values and return its sum, subtraction and multiplication.

Exercise 2: Define a function in python that accepts 3 values and returns the maximum of three numbers.

Exercise 3: Define a function which counts vowels and consonant in a word.

Exercise 4: Define a function that returns Factorial of a number.

Exercise 5: Create a function called `most_common_char` that takes a string as a argument and the returns the most common character in that string.

Exercise 6: WAP to Demonstrate a Python function using positional arguments

Exercise 7: WAP to Demonstrate a Python function using keyword arguments

Exercise 8: WAP to Demonstrate a Python function using default arguments

Exercise 9: WAP to Demonstrate a Python function that returns multiple values

Exercise 10: WAP to Demonstrate a Python function using variable length arguments

Exercise 11: Define a function which can generate a list where the values are square of numbers between 1 and 20 (both included). Then the function needs to print all values except the first 5 elements in the list.

Exercise 12: Define a function that can accept two strings as input and print the string with maximum length in console. If two strings have the same length, then the function should print all strings line by line.

Exercise 13: Write a Python function that accepts a string and calculate the number of upper case letters and lower case letters

Exercise 14: Write a Python function that takes a list and returns a new list with unique elements of the first list

Exercise 15: Write a function takes a two-word string and returns True if both words begin with same letter

Exercise 16: Write a program which can filter even numbers in a list by using filter function. The list is: [1,2,3,4,5,6,7,8,9,10].

Exercise 17: Write a program which can map() to make a list whose elements are square of elements in [1,2,3,4,5,6,7,8,9,10].

Exercise 18: Write a program which can map() and filter() to make a list whose elements are square of even number in [1,2,3,4,5,6,7,8,9,10].

Exercise 19: Write a program which can filter() to make a list whose elements are even number between 1 and 20 (both included).