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| Sl no | Questions |
|  | Design and implement a python program to get a string made of the first 2 and the last 2 chars from a given string. If the string length is less than 2 return instead the empty string. |
|  | Design and implement a python program to count the number 4 in a given list. |
|  | Design and implement a python program to generate and print list except the first 5 elements, where the values are square of numbers between 1 and 30(both included). |
|  | Design and implement a python function that takes two lists and returns true if they have at least one common. |
|  | Design and implement a python program to find the list of words that are no longer than n from a given list of words. |
|  | Design and implement a program to count the number of vowels present in a given list of strings using ‘in’ or ‘not in’ operator. |
|  | Write a function char\_freq() that takes a string and builds a frequency listing of the characters contained in it. Represent the frequency listing as a python dictionary. |
|  | Design and implement a program to count the number of vowels present in a given list of strings using ‘in’ or ‘not in’ operator. |
|  | Write a function called dict\_intersect that takes two dictionaries as arguments and returns a dictionary that contains only the key/value pairs found in both of the original dictionaries. |
|  | Write a Python program to remove duplicates from a list. |
|  | Write a Python function that accepts a string and calculate the number of upper case letters and lower case letters.  Sample String : 'The quick Brown Fox'  Expected Output :  No. of Upper case characters : 3  No. of Lower case Characters : 13 |
|  | Write a Python function that takes a list and returns a new list with unique elements of the first list  Sample List : [1,2,3,3,3,3,4,5]  Unique List : [1, 2, 3, 4, 5] |
|  | Write a Python function that takes a number as a parameter and check the number is prime or not |
|  | Write a Python program to check whether a list contains a sublist. |
|  | Define a function which can generate a dictionary where the keys are numbers between 1 and 20 (both included) and the values are square of keys. The function should just print the keys only. |
|  | 1) Write a program which count and print the numbers of each character in a string input by console.  Example:  If the following string is given as input to the program:  abcdeabc  Then, the output of the program should be:  a,2 c,2 b,2 e,1 d,1 |
|  | Write a Python program to check whether a list contains a sublist. |
|  | Write a program to generate and print another tuple whose values are even numbers in the given tuple (1,2,3,4,5,6,7,8,9,10). |
|  | Write a function called count\_values that takes a single dictionary as an argument and returns the number of distinct values it contains. Given the input {‘red’:1,’green’:1,’blue’:2}, for example it should return 2. |
|  | Write a Python program to generate and print a list except for the first 5 elements, where the values are square of numbers between 1 and 30 (both included) |
|  | Write a Python Program using function to Sort Words in Alphabetic Order |
|  | Write a program to read details of the student(name as string ,usn as int ,semester as int) in comma separated values from the keyboard and split & typecast the input based on comma delimiter and store it in list before displaying it. |