1. Write a Python program to count the number of characters (character frequency) in a string.
2. Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string already ends with 'ing' then add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged.
3. Write a Python program to find the first appearance of the substring 'not' and 'poor' from a given string, if 'not' follows the 'poor', replace the whole 'not'...'poor' substring with 'good'. Return the resulting string.

Sample String : 'The lyrics is not that poor!'  
'The lyrics is poor!'  
Expected Result : 'The lyrics is good!'  
'The lyrics is poor!' Sample String : 'abc'  
Expected Result : 'abcing'   
Sample String : 'string'  
Expected Result : 'stringly'

1. Write a Python program to remove the nth index character from a nonempty string.
2. Write a Python script that takes input from the user and displays that input back in upper and lower cases.
3. Write a Python program that accepts a comma separated sequence of words as input and prints the unique words in sorted form (alphanumerically).
4. Write a Python program to sum all the items in a list.
5. Write a Python program to multiplies all the items in a list.
6. Write a Python program to get the largest number from a list.
7. Write a Python program to get a list, sorted in increasing order by the last element in each tuple from a given list of non-empty tuples.

Sample List : [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]  
Expected Result : [(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]

1. Write a Python program to create a list by concatenating a given list which range goes from 1 to n.

Sample list : ['p', 'q']  
n =5  
Sample Output : ['p1', 'q1', 'p2', 'q2', 'p3', 'q3', 'p4', 'q4', 'p5', 'q5']

1. Write a Python script to check if a given key already exists in a dictionary.
2. Write a Python script to print a dictionary where the keys are numbers between 1 and 15 (both included) and the values are square of keys.
3. Write a Python program to combine two dictionary adding values for common keys.

d1 = {'a': 100, 'b': 200, 'c':300}  
d2 = {'a': 300, 'b': 200, 'd':400}  
Sample output: Counter({'a': 400, 'b': 400, 'd': 400, 'c': 300})

1. Write a Python program to create a dictionary from a string.    
   Note: Track the count of the letters from the string.
2. Write a Python program to find the repeated items of a tuple.
3. Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both included).
4. Write a Python program to count the number of even and odd numbers from a series of numbers.
5. Write a Python program to get the Fibonacci series between 0 to 50.
6. Write a Python program that accepts a string and calculate the number of digits and letters.   
   Sample Data : Python 3.2  
   Expected Output :  
   Letters 6   
   Digits 2
7. Write a Python function to multiply all the numbers in a list.

Sample List : (8, 2, 3, -1, 7)  
Expected Output : -336

1. Write a Python function that accepts a string and calculate the number of upper case letters and lower case letters.
2. Write a Python program that accepts a hyphen-separated sequence of words as input and prints the words in a hyphen-separated sequence after sorting them alphabetically.    
   Sample Items : green-red-yellow-black-whiteExpected Result : black-green-red-white-yellow
3. Make a two-player Rock-Paper-Scissors game. (Hint: Ask for player plays (using input), compare them, print out a message of congratulations to the winner, and ask if the players want to start a new game)

Remember the rules:

* Rock beats scissors
* Scissors beats paper
* Paper beats rock

1. Write a program that takes a list and returns a new list that contains all the elements of the first list minus all the duplicates.
2. Write a Python script to display the   
   a) Current date and time  
   b) Current year  
   c) Month of year  
   d) Week number of the year  
   e) Weekday of the week  
   f) Day of year  
   g) Day of the month  
   h) Day of week
3. Write a Python program to determine whether a given year is a leap year.
4. Write a Python program to convert a string to datetime.
5. Write a Python program to subtract five days from current date.
6. Write a Python program to print yesterday, today, tomorrow.
7. Write a Python program to get days between two dates.
8. Write a Python program calculates the date six months from the current date using the datetime module.
9. Write a Python program to convert two date difference in days, hours, minutes, seconds.
10. Write a Python program to read first n lines of a file.
11. Write a Python program to read a file line by line and store it into a list.
12. Write a Python program to count the number of lines in a text file.
13. Write a Python program to count the frequency of words in a file.
14. Write a Python program to copy the contents of a file to another file .
15. Write a Python program to write a list to a file.
16. Write a Python program to assess if a file is closed or not.