Lab Evaluation Task on Hashing

Write a function that takes a list of strings as input. Then create a hashtable from the list of strings. First, take a string then calculate the position number of each character in the English Alphabet. Using string concatenation concat the position numbers. Then mod that number with **(len(arr))-1** to get the index value. Then insert that string to the calculated index value. If that index is not empty then insert into the next available position.

Your task is to complete the **hash\_function(s, hash)** and **insert(s, hash)** functions.

Here, s is a string from the given list and hash is an empty list where you have to insert the strings according to the index calculation.

| **Input** | **Output** |
| --- | --- |
| ['owl', 'snail', 'bird', 'fish'] | ['bird','snail','owl','fish']  Explanation:  o=15th position in the English alphabet.  w=23th position in the English alphabet.  l=12th position in the English alphabet.  sum=”15”+”23”+”12”  index=(152312%3)=2  Hence, “owl” inserted into index 2. |