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# LAB-4 (INTRODUCTION  TO  ALGORITHM)

## COMMENTS →

*I'm using modulo as a hash function.*

*The following functions are used in code of Quadratic Open Hash.*

*"addString(n,hash);" with the help of this function we add string. It is an add string function in quadratic , so if key value in array is null, then we add , else use quadratic equation of key + (i\*i) to save further ,I have used 2 loops to go in cyclic way (I'm taking i in loop starting from 1 not 0).*

*"removeString(n,hash);" with the help of this function we remove the string. I will search in cyclic way from key to n and if get the word I will put it null and break else if I get null I'll print that it is not in array.*

*" searchString(n,hash);" with the help of this function we search strings. I will search in cyclic way from key to n and if get the word I will put it null and break else if I get null I'll print that it is not in array.*

*"asciiSum(String word)" This is generating sum of ascii no. of string.This function is also used to get unique no. for particular string.*