This program computes frequency of characters in a string i.e. which character is present how many times in a string. For example in the string "code" each of the character 'c', 'o', 'd', and 'e' has occurred one time. Only *lower case alphabets* are considered, other characters ( uppercase and special characters ) are ignored. You can easily modify this program to handle uppercase and special symbols.

**C programming code**

#include<stdio.h>

#include<string.h>

main()

{

char string[100], ch;

int c = 0, count[26] = {0};

printf("Enter a string\n");

gets(string);

while ( string[c] != '\0' )

{

/\* Considering characters from 'a' to 'z' only \*/

if ( string[c] >= 'a' && string[c] <= 'z' )

count[string[c]-'a']++;

c++;

}

for ( c = 0 ; c < 26 ; c++ )

{

if( count[c] != 0 )

printf("%c occurs %d times in the entered string.\n",c+'a',count[c]);

}

return 0;

}

Output of program:  
