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1.	C Program to Generate Equilateral Triangle Shape Pattern
2.	C Program to Generate Hollow Diamond Pattern Using Stars
3.	C program to given a string, consisting of alphabets and digits, find the frequency of each digit in the given string
4.	C program given a sentence, print each word of the sentence in a new line.
5.	<p>Write a C program Attempt the following:</p> <p>Twenty five numbers are entered from the keyword into an array. The number to be searched is entered through the keyword by the user. Write a program to find the number to be searched is present in the array and if it is present, display the number of times it appears in the array.</p>

## Frequency Count of Digits in String

**AIM:**

**Write a C program to given a string, consisting of alphabets and digits, find the frequency of each digit in the given string.**

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
    int
    z=0,one=0,two=0,three=0,four=0,five=0,six=0,seven=0,eight=0,nine=0,i=
    0;
    char str[100];
    printf("enter the string \n");
    fgets(str,sizeof(str),stdin);
    for(i=0;str[i]!='\0';i++)
    {
        if(str[i]==48)
            z++;
        else if(str[i]==49)
            one++;
        else if(str[i]==50)
            two++;
        else if(str[i]==51)
            three++;
        else if(str[i]==52)
            four++;
        else if(str[i]==53)
            five++;
        else if(str[i]==54)
            six++;
        else if(str[i]==55)
            seven++;
        else if(str[i]==56)
            eight++;
        else if(str[i]==57)
            nine++;
    }
```

