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#include <stdio.h>
#include <string.h>

#define N 100

void statistics(char word[]);

int main()
{
    char word[N];
    printf("Give word: ");
    scanf("%[^\n]s", word);
    statistics(word);
    return 0;
}

void statistics(char word[])
{
    int i;

    for (i=0; word[i]!='\0'; i++)
    {
        int count=0;
        int j;
        int flag=0;
        for (j=0; j<i; j++)
            if (word[i]==word[j]) flag=1;

        if (flag==1) continue;

        for (j=0; word[j]!='\0'; j++)
            if (word[i]==word[j]) count++;
        printf("The character %c appears %d times\n", word[i],
count);
    }
}

```