

Kiproze_)Puzzle

Que:
Puzzle...

take an paragraph as an input from user.
if user enter more then 500 char , it
should show warning.

following string will be given.

vehicle:bus, bike,car,rickshaw.

subject:maths, physics,chemistry.

lang:c,java,vb,ruby

find out occurence of all of the above
nd print them in sorted order.

eg.input=Dafsaafsdjavajavacrubyc#maths

```
output=c 2
        c# 1
        java 2
        maths 1
        ruby 1
```

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```
#include <stdio.h>
#include <string.h>
int main(void) {
    // your code goes here
    char string[1000],temp[20];
    char
names[10][20]={"bus","car","rickshaw","j
ava","c","c#","ruby","maths","chemistry"
,"physics"};
    int
i,j,k=0,m,count=0,occur[10]={0},x;

    /*reading string*/
    gets(string);

    /*logic for occurences*/
    for(i=0;i<10;i++)
    {
        for(j=0;string[j]!='\0';j++)
        {
            count=0,k=0;

            for(m=j;names[i][k]!='\0';m++,k++)
            {
                if(string[m]==names[i][k])
                count++;
            }
        }
    }
}
```

```

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if(count==strlen(names[i]))
    occur[i]++;
    }
    }
/*for sorting in ascending
order*/
for(i=0;i<10-1;i++)
{
    for(j=0;j<10-1-i;j++)
    {
        if(strcmp(names[j],names[j+1])>0)
        {
            /*sorting names*/
            strcpy(temp,names[j]);
            strcpy(names[j],names[j+1]);
            strcpy(names[j+1],temp);

            /*sorting occurences*/
            x=occur[j];
            occur[j]=occur[j+1];
            occur[j+1]=x;

```

```

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    }
}

/*printing names and
occurences*/
for(i=0;i<10;i++)
{
    if(occur[i]!=0)
        printf("%s
%d\n",names[i],occur[i]);
}
return 0;
}

```