

```

#include<math.h>
#include<stdio.h>
#include<string.h>
int main()
{char s[100];char w[100];
int i,j,l,l2,flag=0,count=0;
printf("\nEnter your String  ");
gets(s);
printf("\nEnter your substring to search  ");
gets(w);
l=strlen(s);
l2=strlen(w);
for(i=0;i<l;i++)
{
    if(s[i]==w[0])
    {
        for(j=0;j<l2;j++)
        {
            if(s[i+j]!=w[j])
            {
                flag=1;
                break;
            }
        }
        if(flag==0)
        {
            count=count+1;
            printf("\nsubstring found at %d",(i+1));
        }
        else
            flag=0;
    }
}
printf("\nsubstring was found %d times",count);

return 0;
}

```