

Untitled1.cpp (*] frequency of char in string.cpp (*] each alphabet frequency in string.cpp (*] check palindrome string.cpp (*] find substring index.cpp

```

1  To determine the frequency of occurrence of particular character in the string.
2  |
3  #include<iostream>
4  #include<string>
5  using namespace std;
6
7  int main()
8  {
9      string str="c++ programming is amazing and easy";//given string
10     char check_char='a'; //find frequency of character "a".
11     int count=0; //to find how many time we get char counter
12     for(int i=0;i<str.size();i++) //to pass overall string
13     {
14         if(str[i]==check_char) //check character
15         {
16             ++count; //if find a then increase counter
17         }
18     }
19     cout<<"number of"<<check_char<<"="<<count; //to print number of occurrence
20     return 0;
21 }
22
23 output=number of a=5

```

```
bug  Untitled1.cpp  [*] frequency of char in string.cpp  [*] each alphabet frequency in string.cpp  [*] check palindrome string.cpp  [*] find substring index.cpp

1  To count the occurrence of each alphabet in the given string
2
3  #include<iostream>
4  #include<string>
5  using namespace std;
6
7  int main()
8  {
9      char str[100]="this string contain many character";//given string
10     int i=0,alphabet[26]={0},j;
11     while(str[i]!='\0')    //check condition while we not get end of string
12     {
13         if(str[i]>='a'&&str[i]<='z')//check all character one by one in between a-z
14         {
15             j=str[i]-'a';
16             ++alphabet[j];    //calculat occurrence of character
17         }
18         i++;
19     }
20     cout<<"frequency of all alphabet in the string is !"<<endl;
21     for(i=0;i<26;i++)
22     cout<<char(i+'a')<<": "<<alphabet[i]<<endl; //print all alphabet occurrence one by one
23     return 0;
24 }
25
26
27  output=frequency of all alphabet in the string is !
28
sources  Compile Log  Debug  Find Results
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es Debug Untitled1.cpp [*] frequency of char in string.cpp [*] each alphabet frequency in string.cpp [*] check palindrome string.cpp [*] find sub

```
27 output=frequency of all alphabet in the string is !
28 a:4
29 b:0
30 c:3
31 d:0
32 e:1
33 f:0
34 g:1
35 h:2
36 i:3
37 j:0
38 k:0
39 l:0
40 m:1
41 n:4
42 o:1
43 p:0
44 q:0
45 r:3
46 s:2
47 t:4
48 u:0
49 v:0
50 w:0
51 x:0
52 y:1
53 z:0
```

iler Resources Compile Log Debug Find Results

Col: 60

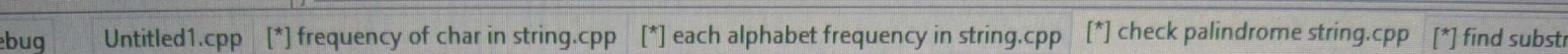
Sel: 0

Lines: 53

Length: 864

Insert

Done parsing in 0.031 seconds



3

```
5  #include<string.h>
```

7

9

```
11 cout<<"enter the string=";//user input string
```

```
13     int i,n=strlen(a);
```

```
15 for(i=0;i<n;i++)
```

18 — }

```
20 //check both reverse or actual string are equal or not
```




```
22 cout<<"The string is palindrome/n";
```

```
24 cout<<"The string is not palindrome";
```

26 }

27


```
27
28  output=
29  enter the string=monali
30  ilanom      //reverse string
31  The string is not palindrome
32
33  enter the string=madam
34  madam      //reverse string
35  The string is palindrome
```

 Resources  Compile Log  Debug  Find Results

```

1  To find substring occurrence index.
2
3  #include<iostream>
4  #include<string.h>
5  using namespace std;
6  int main()
7  {
8      string str="geeksforgeeks a computer science"; //given string
9      string str1="geeks"; //find string
10     //find first occurrence of geeks
11     size_t found=str.find(str1);
12     if(found!=string::npos)
13         cout<<"First occurrence is "<<found<<endl;
14     // find second occurrence of geeks
15     char arr[]="geeks";
16     found=str.find(arr,found+1);
17     if(found!=string::npos)
18         cout<<"Next occurrence is"<<found<<endl;
19     return 0;
20 }
21
22 output=First occurrence is 0
23         Next occurrence is 8

```