

```
1 //Finding the occurrence of a substring
  using find() function
2 //Complexity O(m*n)
3 #include<iostream>
4 using namespace std;
5 int main()
6 {
7     string input="sachin is a good boy,
      sachin is a good friend of rajeev,
      sachin goes to university"; //the
      string in which we have to search
8     string query="sachin";//the substring
      we have to search
9     long pos=0,counter=0; //pos is the
      index at which substring is found
10    pos=input.find(query); //finding the
      index of first occurrence if its npos,
      we won't get into loop
11    while(pos!=string :: npos) //while npos
      is not found, keep on searching
12    {
13        counter++;
14        pos=input.find(query,pos+1); //we
      search for the next occurrence from
      +1 position than previous
15    }
16    cout<<counter<<endl; //result
17    return 0;
18 }
19
```