

```
1 #include<bits/stdc++.h>
2 using namespace std;
3 int main()
4 {
5     string input="sachsachinsachinin";
6     string query="shekhar";
7     long pos=input.find(query,0);
8     while(pos!=string::npos)
9     {
10         input.erase(pos,query.length());
11         pos=input.find(query);
12     }
13     if(input.length()==0)
14     {
15         cout<<"magic string"<<endl;
16     }
17     else
18     {
19         cout<<"lund string"<<endl;
20     }
21 }
22
```