

```

1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int N;
8      cin >> N;
9      cin.ignore();
10     string name[N];
11     string part[N];
12     string name1;
13     string part1;
14     getline(cin, name1);
15     getline(cin, part1);
16     int num = 1;
17     int first = 0;
18     int second = 0;
19     int num1 = 1;
20     bool isGood = true;
21     for(int i = 0; i <= name1.length()-1; i++)
22     {
23         if(name1.substr(i,1)== " ")
24         {
25             name[num] = name1.substr(first,i-first);
26
27             num++;
28             first=i+1;
29         }
30         if(i==name1.length()-1)
31         {
32             name[N-1] = name1.substr(first,name1.length()-first);
33         }
34         if(part1.substr(i,1)== " ")
35         {
36             part[num1] = part1.substr(second,i-second);
37             num1++;
38             second=i+1;
39         }
40         if(i==name1.length()-1)
41         {
42             part[N-1] = part1.substr(second,part1.length()-second);
43         }
44     }
45
46     for(int i = 1; i < N; i++)
47     {
48         string partner = part[i];
49         if(partner == name[i])
50         {
51             isGood = false;
52             break;
53         }
54         for(int j = 1; j<=N; j++)
55         {
56             if(name[j]==partner)
57             {
58                 if(part[j] != name[i])
59                 {
60                     isGood = false;
61                     break;
62                 }
63             }
64         }
65     }
66     if(isGood)

```

```
67     {
68         cout<<"good";
69     }
70     else
71     {
72         cout<<"bad";
73     }
74
75     return 0;
76 }
```