

```
1  #include <stdio.h>
2  #include <string.h>
3
4  #define MAX 1123
5
6  int n, AM[MAX][MAX], vis[MAX], ans = 1;
7
8  void dfs(int u, int cor){
9      int i;
10     vis[u] = cor;
11     for(i = 1; i <= n; i++){
12         if(AM[u][i]){
13             if(!vis[i]) dfs(i, cor == 1 ? 2 : 1);
14             else if(vis[i] == cor) ans = 0;
15         }
16     }
17 }
18
19 int main(void){
20     int i, j;
21
22     memset(vis, 0, sizeof(vis));
23     scanf("%d",&n);
24     for(i = 1; i <= n; i++){
25         for(j = 1; j <= n; j++){
26             scanf("%d",&AM[i][j]);
27             AM[i][j] = !AM[i][j];
28         }
29     }
30     for(i = 1; i <= n; i++) if(!vis[i]) dfs(i, 1);
31     if(ans) printf("Bazinga!\n");
32     else printf("Fail!\n");
33     return 0;
34 }
```