```
#include <bits/stdc++.h>
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3
      using namespace std;
 4
      int n;
 5
      int M[19][19];
 6
7
      int A[19];
      int dp[19][(1 << 19)];</pre>
 8
      int dead;
 9
      int solve(int current,int mask){
10
11
          if(mask == dead)
12
               return 0;
13
14
          if(dp[current][mask]!=-1) return dp[current][mask];
15
16
          int ans = 1e9+10;
17
          for(int i=0;i<n;i++){</pre>
18
19
               if(!(mask & A[i])){
20
                    ans = min(ans,solve(current+1,(mask | A[i]))+M[i][current]);
21
22
23
          return dp[current][mask] = ans;
24
25
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37
38
      }
      main(){
          for(int j=0;j<(1 << (n+1));j++)</pre>
                         dp[i][j] = -1;
               dead = (1 << n)-1;
for(int i=0;i<n;i++){
    for(int j=0;j<n;j++){</pre>
                         scanf("%d",&M[i][j]);
               cout << solve(0,0) << endl;
40
          }
41
      }
42
```