

```

1  #include <stdio.h>
2  #include <limits.h>
3
4  #define MAX_N 15
5
6  int n;
7  int cost[MAX_N][MAX_N];
8  int dp[1 << MAX_N][MAX_N];
9
10 int tsp(int mask, int pos) {
11     if (mask == (1 << n) - 1) {
12         return cost[pos][0];
13     }
14
15     if (dp[mask][pos] != -1) {
16         return dp[mask][pos];
17     }
18
19     int ans = INT_MAX;
20     for (int next = 0; next < n; next++) {
21         if ((mask & (1 << next)) == 0) {
22             int newCost = cost[pos][next] + tsp(mask | (1 << next), next);
23             ans = min(ans, newCost);
24         }
25     }
26     dp[mask][pos] = ans;
27     return ans;
28 }

```

Message
C:\Users\DELL\Documents\Untitled4.cpp [Error] 'main' must return 'int'