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TDM-GCC 9.2.0 64-bit Release

[\*] Untitled1

```
1 #include <iostream>
2 using namespace std;
3 int min_(int a, int b, int c){
4     if (a < b)
5         return (a < c) ? a : c;
6     else
7         return (b < c) ? b : c;
8 }
9 int min_cost(int cost[4][4], int m, int n){
10     int i, j;
11     int tot_cost[4][4];
12     tot_cost[0][0] = cost[0][0];
13     for (i = 1; i <= m; i++)
14         tot_cost[i][0] = tot_cost[i - 1][0] + cost[i][0];
15     for (j = 1; j <= n; j++)
16         tot_cost[0][j] = tot_cost[0][j - 1] + cost[0][j];
17     for (i = 1; i <= m; i++)
18         for (j = 1; j <= n; j++)
19             tot_cost[i][j] = min_(tot_cost[i - 1][j - 1], tot_cost[i - 1][j], tot_cost[i][j - 1]) + cost[i][j];
20     return tot_cost[m][n];
21 }
22 int main(){
23     int cost[4][4] = {
24         { 9, 9, 4 },
25         { 8, 0, 9 },
26         { 1, 2, 8 }
27     };
28     cout<<" The minimum cost is "<<min_cost(cost, 2, 2);
29     return 0;
```

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30 Col: 2 Sel: 0 Lines: 30 Length: 825 Insert

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The minimum cost is 17

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