

3I-DS-SEP-2025 Find if Path Exists in Graph - LeetCode Inbox (297) - monishas.cs24@b...

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C Auto

```
1 bool validPath(int n, int** edges, int edgesSize, int* edgesColSize, int source, int destination) {
2     if (source == destination) return true;
3
4     int *deg = calloc(n, sizeof(int));
5     for (int i = 0; i < edgesSize; i++) {
6         deg[edges[i][0]]++;
7         deg[edges[i][1]]++;
8     }
9
10    int **adj = malloc(n * sizeof(int*));
11    for (int i = 0; i < n; i++) {
12        adj[i] = malloc(deg[i] * sizeof(int));
13        deg[i] = 0;
14    }
15
16    for (int i = 0; i < edgesSize; i++) {
17        int a = edges[i][0];
18        int b = edges[i][1];
19        adj[a][deg[a]++] = b;
20        adj[b][deg[b]++] = a;
21    }
22
23    bool *mark = calloc(n, sizeof(bool));
24    int *stk = malloc(n * sizeof(int));
25    int top = 0;
26
27    stk[top++] = source;
28    mark[source] = true;
29
30    while (top > 0) {
31        int u = stk[--top];
32        if (u == destination) return true;
33
34        for (int i = 0; i < deg[u]; i++) {
35            int v = adj[u][i];
36            if (!mark[v]) {
37                mark[v] = true;
38                stk[top++] = v;
39            }
40        }
41    }
42
43    return false;
}
```

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Accepted 34 / 34 testcases passed MonishaS12 submitted at Dec 01, 2025 11:55 Editorial Solution

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Runtime 109 ms | Beats 75.47% Memory 105.88 MB | Beats 80.30% Analyze Complexity

Code C

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Code | C View more

Code

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9 }
```

Testcase | Test Result

Accepted Runtime: 0 ms Case 1 Case 2

Input

```
n =  
3
```

edges =
[[0,1],[1,2],[2,0]]

source =
0

destination =
2

Output

```
true
```

Expected

```
true
```

Contribute a testcase

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