Your Can Go Again? submission got 18.18 points. Share Post

Contest Leaderboard

# Can Go Again?

Problem Submissions Leaderboard Discussions

### Problem Statement

You will be given $N$ numbers of nodes, $E$ numbers of edges in a graph. For each edge you will be given $A$, $B$ and $W$ which means there is a connection from $A$ to $B$ only and for which you need to give $W$ cost. The value of nodes could be from $1$ to $N$.

You will be given a source node $S$. Then you will be given a test case $T$, for each test case you will be given a destination node $D$. You need to tell the minimum cost from source node to destination. If there is no possible path from $S$ to $D$ then print **Not Possible**.

**Note**: If there is a negative weight cycle in the graph, then no answer would be correct. So print one line only - "**Negative Cycle Detected**".

### Input Format

- First line will contain $N$ and $E$.
- Next $E$ lines will contain $A$, $B$ and $W$.
- Next line will contain source node $S$.
- Next line will contain $T$, the number of test cases.
- For each test case, you will get $D$.

### Constraints

1. $1 \leq N \leq 10^3$
2. $1 \leq E \leq 10^6$
3. $1 \leq S \leq N$
4. $1 \leq T \leq 10^3$
5. $1 \leq D \leq N$
6. $-10^9 \leq W \leq 10^9$

### Output Format

- Output the minimum cost for each test case.

### Sample Input 0

```
5 7
1 2 10
1 3 -2
3 2 1
2 4 7
3 4 -3
4 5 5
2 5 2
1
5
1
2
3
4
5
```

### Sample Output 0

```
0
-1
-2
-5
0
```

### Sample Input 1

```
5 7
1 2 10
1 3 -2
3 2 1
2 4 7
3 4 -3
4 5 5
2 5 2
5
5
1
2
3
4
5
```

### Sample Output 1

```
Not Possible
Not Possible
Not Possible
Not Possible
0
```

### Sample Input 2

```
5 8
1 2 -2
1 3 -10
3 2 1
2 4 7
4 3 -3
4 5 5
2 5 2
4 1 1
1
5
1
2
3
```

```
4
5
```

### Sample Output 2

```
Negative Cycle Detected
```

Submissions: 475
Max Score: 25
Difficulty: Easy

Rate This Challenge:

More

C++20

```cpp
#include <bits/stdc++.h>

using namespace std;


int main()
{
    // Write your code here

    return 0;
}

```

Line: 1 Col: 1

Upload Code as File  Test against custom input  Run Code  Submit Code