## Bellman-Ford Algorithm Visualizer in C++: Project

Submitted By,

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```
#include <iostream>
using namespace std;
int main()
    int nodes, paths;
    cin >> nodes >> paths;
    int from[paths], to[paths], cost[paths];
    for (int i = 0; i < paths; i++)
        cin >> from[i] >> to[i] >> cost[i];
    int start;
    cin >> start;
    int shortest[nodes];
    for (int i = 0; i < nodes; i++)
        shortest[i] = 999999999;
    shortest[start] = 0;
    for (int t = 1; t < nodes; t++)</pre>
        for (int i = 0; i < paths; i++)</pre>
            int u = from[i];
            int v = to[i];
            int w = cost[i];
            if (shortest[u] != 999999999 \&\& shortest[u] + w < shortest[v])
                shortest[v] = shortest[u] + w;
```