

CS69011: Computing Lab-1

Task 3: Graph (Part - B)

August 23, 2023

=====Instructions=====

1. In the case of user input, assume only valid values will be passed as input.

2. Regarding submission: Create separate C file : <RollNo>\_task1.c

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Task:

T1. Dijkstra's Algorithm Implementation on the Simple undirected weighted graph, given a source vertex find the distance from the source vertex to every other vertex

Sample Input-

```
3 0
0 1 1
1 0 1
1 1 0
```

Sample Output-

```
0 1 1
```