

README

Steps to run:

1. Open terminal using CTRL+ALT+T
2. Execute following code -
g++ wa.cpp -o wa
3. Now all the executables have been generated.
4. Now to run the program execute the following code-
./wa
5. Refer Screenshots given below for generating outputs.

Outputs:

Task 1 Output:

```
Please choose the type of the questions:
1: From city 'A' to city 'B' with less than x connestions?
2: Route with the samllest number of connections from city 'A' to city 'D' through city 'B' and 'C'?
1
Please enter the city A: 1
Please enter the city B: 5
number of connections: 6
city1 to city47 to city5
Total connection: 2
```

```
Please choose the type of the questions:
1: From city 'A' to city 'B' with less than x connestions?
2: Route with the samllest number of connections from city 'A' to city 'D' through city 'B' and 'C'?
1
Please enter the city A: 6
Please enter the city B: 4
number of connections: 2
city6 to city108 to city4
Total connection: 2
```

Task 2 Output:

```
Please choose the type of the questions:
1: From city 'A' to city 'B' with less than x connestions?
2: Route with the samllest number of connections from city 'A' to city 'D' through city 'B' and 'C'?
2
Please enter the city A: 1
Please enter the city D: 4
Please enter the city B: 2
Please enter the city C: 3
city1 to city88 to city79 to city2 to city85 to city3 to city84 to city108 to city4
Total connection: 8
```

```
Please choose the type of the questions:
1: From city 'A' to city 'B' with less than x connestions?
2: Route with the samllest number of connections from city 'A' to city 'D' through city 'B' and 'C'?
2
Please enter the city A: 1
Please enter the city D: 139
Please enter the city B: 2
Please enter the city C: 3
No such route.
```