

Input Text File Format

1. **First line:** Number of cities (e.g., 5)
2. **Next line:** City labels (e.g., **A, B, C, D, E**), a letter here represents one city.
3. **Next lines:** Number of Routes, where each route is defined in next lines as:
 <City1> <City2> <Time>
4. **Last line:** Starting city and ending city for the fastest route computation.
5. In each line, if there are more than one character, they are separated with 1 whitespace.

Example Input File (input.txt):

5	→ Number of cities
A B C D E	→ City names
6	→ Number of routes
A B 30	→ Routes
A C 10	
B D 20	
C D 50	
C E 40	
D E 10	
A E	→ Start and destination