

Hi all,

Git and Version Control

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Weekly Challenge #2 Review

Can U Escape

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Weekly Challenge #3

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Big Truck

You are driving a truck to transport items around the city, but your friend also want you to pick up some items for him. You want to pick up as much your friend's item but keep using the shortest path.

Input

1. The number of locations
2. Number of your friend's items in each location
3. Number of roads in the city
- 4 – n. First-location Second-location length

Output

1. The length of the shortest path
2. The maximum number of your friend's items you can pick up

Sample Input 1

6

1 1 2 3 1 0

7

1 2 2

2 3 3

3 6 4

1 4 4

4 3 2

4 5 3

5 6 2

Sample Output 1

9 5

9
1 1 1 1 1 1 1 1 1

10

1	2	3
2	5	3
1	6	2
6	7	2
7	5	2
5	3	1
3	4	2
4	9	3
5	8	2
8	9	4

Sample Output 2
12 7

Can U Escape ?

How far
can U Escape ?

Sample Input

```
. . . . .  
  * *  
. . * * . .  
. * U . * .  
  * *  
. . . . .  
. . . . .
```

Sample Output

no

Sample Input

```
*****  
*   *   *  
* . . . * . .  
* *   *   *  
* . * . . .  
* * * * *  
* . U . * . .  
*****
```

Sample Output

13

Thank you!