

Versi Bahasa Indonesia

Jalan Berhantu

Di dalam suatu kota, terdapat n desa. Jessica ingin pergi berlibur ke desa lain karena desa yang sekarang Jessica tempati itu terasa membosankan. Dia ingin suasana baru. Tentunya, karena jumlah desa itu banyak, Jessica bisa milih ke desa manapun. Namun, perjalanan menuju ke setiap desa lain itu horor. Terdapat banyak begal, perampok, serta hantu-hantu yang bergentayangan. Bahkan konon, terdapat kampung ghaib yang dapat menyesatkan para manusia yang lewat. Tentunya, Jessica tidak ingin melewati jalan yang tingkat bahayanya tinggi. Bantu Jessica untuk memilih jalan yang setidaknya dapat membuat Jessica merasa aman.

Input Format

Baris pertama terdapat 2 integers n dan m ($2 \leq n, m \leq 10^6$). Setelah baris m , terdapat 3 integers yang masing-masing line berisi:

- a, b ($1 \leq a, b \leq n$) – desa yang akan terhubung oleh jalan
- c ($0 \leq c \leq 10^6$) – tingkat bahaya dari jalan

2 desa apapun dapat dihubungkan oleh berbagai jalan

Output Format

Sebuah integer – tingkat bahaya tertinggi dari rute paling aman

Sample Input 1

3 2

1 2 1

2 3 1

Sample Output 1

1

Explanation Sample 1



Sample Input 2

6 7

1 2 1

2 3 2

3 4 3

4 6 5

2 6 10

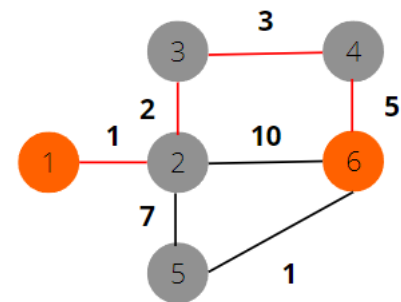
2 5 7

5 6 1

Sample Output 2

5

Explanation Sample 2



English Version

Haunted Road

In this city, there are like n villages. Jessica is so freaking bored with the village she's staying in right now, so she wants to go on a vacay to another village. She needs a fresh vibe, you know? And with so many villages around, she can totally pick any of 'em. But here's the catch, man, the journey to each village is like a horror show. There are tons of muggers, robbers, and freaking ghosts lurking around. Rumor has it there's even some kind of spooky village that can mess with your head. Obviously, Jessica ain't down to take a super dangerous route. Help a girl out and find a way that'll at least make her feel safe, okay?

Input Format

The first line contains 2 integers, n and m ($2 \leq n, m \leq 10^6$). After the m lines, there are 3 integers in each line respectively:

- a, b ($1 \leq a, b \leq n$) – villages that will be connected by a road.
- c ($0 \leq c \leq 10^6$) – danger level of the road

Any two villages can be connected by multiple roads.

Output Format

An integer – The highest danger level of the safest route

Sample Input 1

3 2

1 2 1

2 3 1

Sample Output 1

1

Explanation Sample 1



Sample Input 2

6 7

1 2 1

2 3 2

3 4 3

4 6 5

2 6 10

2 5 7

5 6 1

Sample Output 2

5

Explanation Sample 2

