



Input file:

6 9

1 3 5

1 2 10

2 4 3

2 5 10

3 5 3

4 5 3

4 6 3

5 6 10

1 6 2

Topological sorting orders:

1, 3, 2, 4, 5, 6

1, 2, 4, 3, 5, 6

1, 2, 3, 4, 5, 6

Highest cost path between 1 and 6 is

30 having the walk:

1 -> 2 -> 5 -> 6