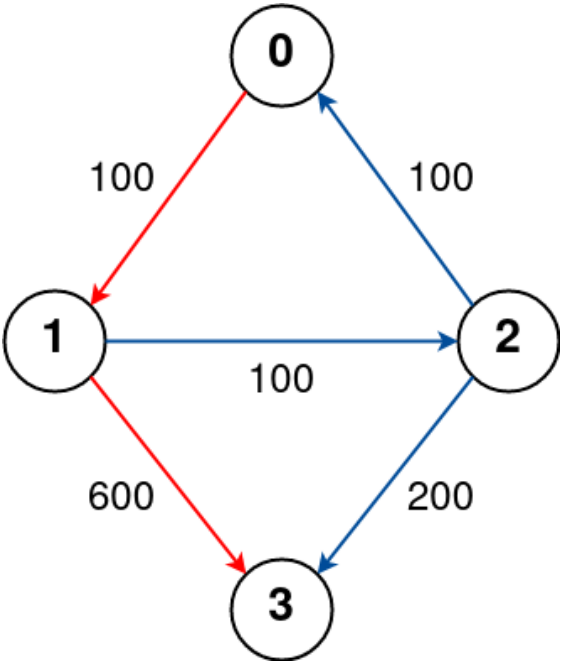# 787. Cheapest Flights Within K Stops

Medium   ◇ Topics   🏢 Companies

There are `n` cities connected by some number of flights. You are given an array `flights` where `flights[i]` = `[from_i, to_i, price_i]` ind

You are also given three integers `src`, `dst`, and `k`, return **the cheapest price** from `src` to `dst` with at most `k` stops. If there is no such ro

Example 1:


```
Input: n = 4, flights = [[0,1,100],[1,2,100],[2,0,100],[1,3,600],[2,3,200]], src = 0, dst = 3, k = 1
Output: 700
Explanation:
The graph is shown above.
The optimal path with at most 1 stop from city 0 to 3 is marked in red and has cost 100 + 600 = 700.
Note that the path through cities [0,1,2,3] is cheaper but is invalid because it uses 2 stops.
```

Example 2:
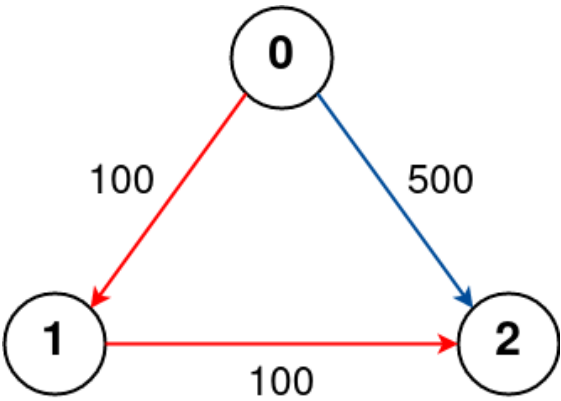

```
Input: n = 3, flights = [[0,1,100],[1,2,100],[0,2,500]], src = 0, dst = 2, k = 1
Output: 200
Explanation:
The graph is shown above.
The optimal path with at most 1 stop from city 0 to 2 is marked in red and has cost 100 + 100 = 200.
```

Example 3: