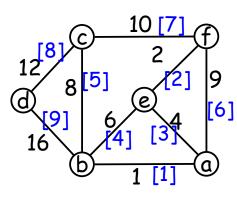
$$G = (V, E)$$



Algorithm: (Greedy Method, Kruskal)

Step 1: sort edges by lengths

Step 2: for i = 1 to |E|

select the i-th edge as a tree edge

if it induces no cycle.

(two ends are in different sets)

Data structure:

① graph G: matrix, lists

2 sets: array, list, tree, ...

Analysis: @list @tree $\rightarrow O(|E| |g|E|)$

