
Question 1:

Given a graph, output the number of edges such that removing that edge increases the number of components.

$V, E \leq 200000$.

Question 2:

There are N mines on the number line. Each mine has a radius of explosion, so that exploding a mine starts a chain reaction. Each mine also has a initial cost to manually explode.

Support Q queries to change the cost of manually exploding a certain mine. After each query, output the minimum cost needed to explode all mines.