Created by amongus\_pvp. Check out all of my solutions on <a href="https://github.com/amongus\_pvp/ORACsolns/">https://github.com/amongus\_pvp/ORACsolns/</a>

We can solve this problem using a principle similar to sliding windows.

For every building  $B_i$  where  $K+1 \le i \le N$  (1-indexed), we check if any building at least K buildings to the left satisfies the condition. To ensure that we can quickly do this, we store the height of each valid building in a set, and simply check if the height of a building that satisfies the condition is present within the set of valid buildings.