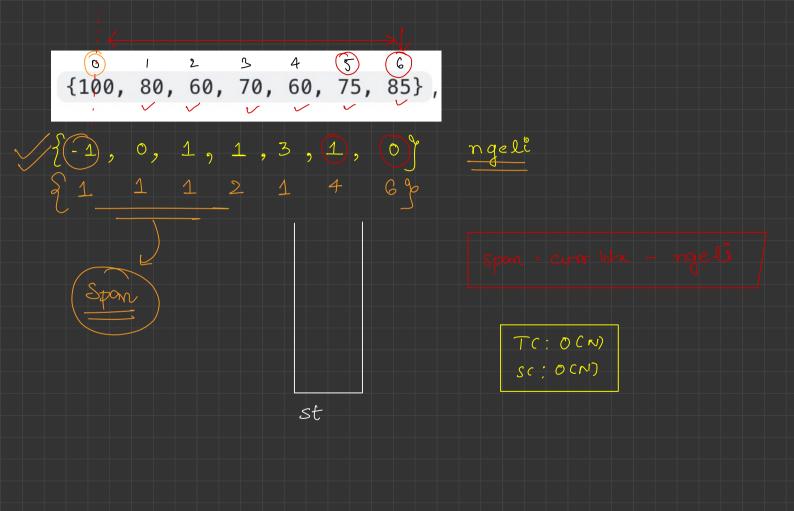
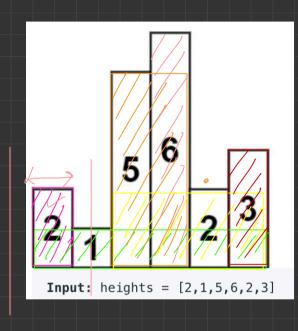


Stock Span Problem

 $\int_{C:O(N^2)} C:O(N^2)$



Largest frea Mistogram



$$2 \times 1 = 2 \quad 6 \times 1 = 6 \quad 5 \times 2 = 10$$

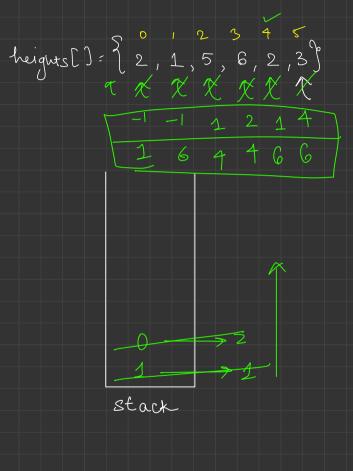
heights [] = $\{2\}, \{1\}, \{5\}, \{6\}, \{2\}, \{3\}\}$

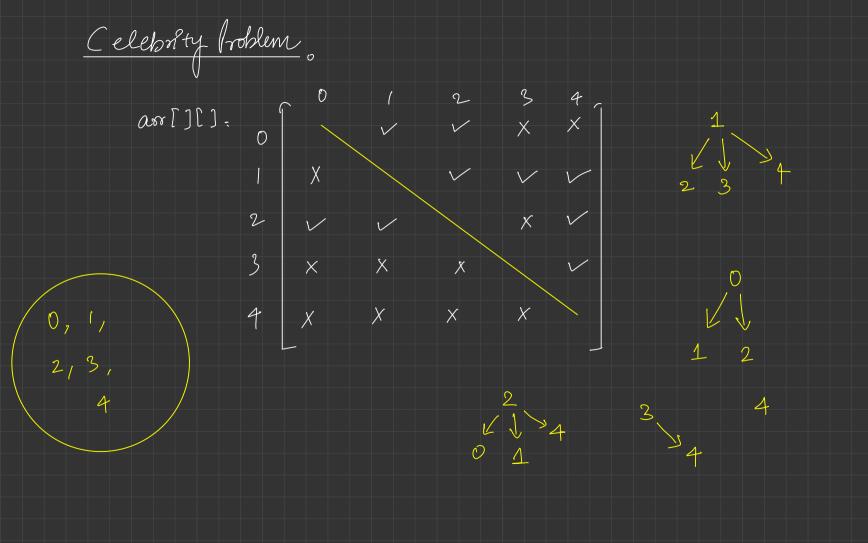
nselif) = $\{-1\}, \{-1\}, \{1\}, \{2\}, \{4\}, \{4\}, \{6\}, \{6\}\}$

width = sight - left -1

4-1-1-2

```
for (int i = (int) n - 1; i >= 0; i--) {
    long ele = hist[i];
   while (st.size() > 0 && ele < hist[st.peek()]) {</pre>
        int idx = st.pop();
        nseli[idx] = i;
           nseri[idx] = st.peek();
        } else {
            nseri[idx] = (int) n;
st.push(i);
while (st.size() > 0) {
   int idx = st.pop();
   nseli[idx] = -1;
   if (st.size() > 0) {
        nseri[idx] = st.peek();
        nseri[idx] = (int) n;
```





Clebrity G who is known by everyone, who doesn't know any one

> Bowleforce TC: O(N²) Sc: O(1)

