**Online Stock Span**

#include <bits/stdc++.h>

vector<int> findSpans(vector<int>& price) {

vector<int> spans;

stack<int> st;

int n = price.size();

for (int i = 0; i < n; i++) {

while (!st.empty() && price[st.top()] <= price[i]) {

st.pop();

}

if (st.empty()) {

spans.push\_back(i + 1);

} else {

spans.push\_back(i - st.top());

}

st.push(i);

}

return spans;

}