Math 3600 — Goddard

In-class Practice 5: Arrays

Assume variable $X$ contains an array/vector. Write MATLAB code to count the number of local maxima. (You can assume all entries are distinct, if this helps.) For example, if $X = [4 \ -5 \ 77 \ 2 \ 5 \ 8 \ 1]$, your code should print out 3 (since the 4, the 77, and the 8 are local maxima).