Kadane

- when sum gets below zero means no point in keeping it so let go by making sum 0. Ans take only positive sum forward , make zero when getting negative

Pascal's

- ncr so for that we use to find out each row and then adding for triangle for going on each row not taking ncr at every point but multiplying numerator and denominator , like a pattern in ncr and using that, decreasing numberator multipler and increasin den one

Matrix zeroes

-hasing first row and column as hash table to note which row and column become zero and for the first cell overlapping problem take another variable as col0 to store for first column status .

Next permutation

- find pattern and logic ,from right side we need to find breakpoint , first number which is decreasing and then replace it with the next biggest number on its right side , then since we need just the next permutation, we sort the numbers on right of breakpoint , since it would be the next lexicographically.

Longer prefix match, ai >ai+1

Find > A but smallest one so that you stay close

Try to place rem in sorted order

Sort 012-

so basically we create low mid and high pointers and we keep unsorted array in between mid and high , so we send 0 to start and 2 to end .

Buy and sell stocks-

keep a track of minimum and check cost till now and then update profit according to cost till now. We keep a track of min till now so that we get cost at the moment and using that we can check for maximum profit.