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Allowed time complexity = O(n)

num = "213" - next greater = Min no. form all possible greater number using some digits.

[2,1,3] - "1 2 3"
"1 3 2"
"2 1 3"
"2 3 1"
"3 1 2"

complexity of O(n))
coil + o(n2)

"3 21"

- o(n1)

greater than given no _s

(213) < [231, 321,]
312

Min = 231

Next Greater

of 213

Integer + 10

9 digit

Thing - 10 digits

"2 13" numz longe number-1 Most significant possibility Smallest digit. Decreoning order possibility grancesing order. is it possible to make Largest lorger rumber rumber + LSD to MSD-MSD LSD Least Most significent Significant Digit by't max from LSD-MSD Just (5) g max for -> une fru.

Step.

1) Find dip grox

dipgradx = 3

clip Indrz-1 __ Number is in its
Max possibility.

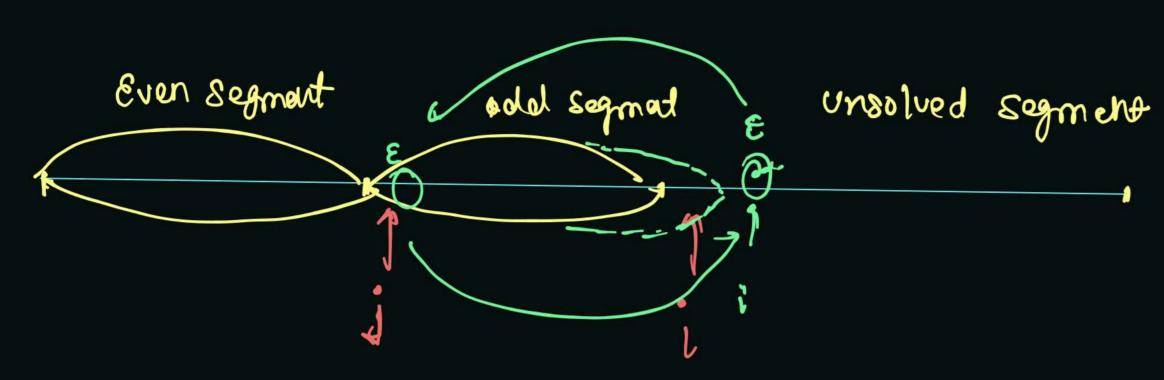
- (2) Swap with ceil 9ndx, (LSD to MSD first ceil) ceil 9ndx = 8
- (3) Reverse from Dipgndx +1 to End
- (4) final Keault.

out of Rorge / - [2147483647] - max

2147483674 - nut greatu

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i - first odd
i - first uroofwed

amfil = = oddd

1 gnoremud i'n sugmut og odd

i'tt!

am(i) = = Even Swap(am, !;j) I++!

