and also has one mid
but in ternary search array is divided into
three parts and has two mids.

Ternary Search is also based on divide-8-longuer tenchique technique.

It also need sosted array to perform the search.

In Ternary Search, after each iteration it actually neglects half part by the array and repeats the same operation on the remaining (2/3) parts.

In ternary Search, mid1 = beg+ (end-beg) /3

mid2 = end-(end-beg) /3

 $C(1-A(1)=\{2,3,5,6,8,9,12,13,14\}$  0 1 2 3 4 5 6 7 8 ] -(0-8) indices

ar [mid1] = 5 [key = 13] ar [mid2] = 12

As 13 is not equal to arcmidi] Sarcmidz]

and 13 is not smaller than arcmidi]

Now 3rd post of the assay is greater
than as [mid 2]

Run the ternary scarch again with beg = 7 end = 8 (indices)

then,

ar(mid1] = ar(7) = 13

ar(mid2) = ar(8) = 14

As ar(mid1) = 2, mid 1 is

the Ans

Complexity:

T(n) = O(log3N)

TEALUSIA TOTAL MARKET TOTAL PROPERTY

the first chapped pulled or