how if works

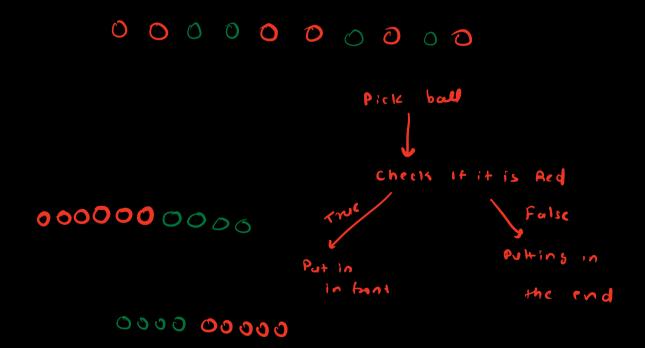
Implementation

C+t

Java

Sort based on Tenth place

Comparator tells you decide the custom parameter



```
Implementation
  1, C + +
      Sort ( avr. bigin(), avr. end())
                       dataty po in array
boolean composyz (Inta, Int b)
     Return True a=b, a < b
Rutum False 6 < a
 Sort ( avr. bigin(), avr. end(), compryz)
                                            method name
```

Java

ascending order by default.

Collections, Sort (A)

dataty pe in armay

Comp Class ory z implements Comparator < Int > {

@ Overvide

int compare (Int q, Int b)

xhum O a = = 6

return -ve a comus before b

return +ve b comus byere a

object

Collections. Sort (A, new Compolassayz ())
Arrays.sort

Q. Sort in increasing order of ans place

If number <10, assume kns digit =0

If 2 number have same tens digit, Jerger number works first.

$$A = \begin{cases} 15, 11, 7, 19, 24, 22, 89, 312, 4363 \end{cases}$$

$$A = \begin{cases} 7, 312, 19, 15, 11, 24, 22, 4363, 89 \end{cases}$$

```
Comp Class or y = 1 impliments Comporator (1 + 1)

© Evenide

int compare (1 + 1) of (1 + 1)

int (1 + 1) (1 + 1) (1 + 1)

int (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1 + 1) (1
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Public Class Solution {

Public _ Solve (int[] A) {

Sout (A, new comp class ory z ());
}

TC yor sorting

O(NlogN * Tc of Comp