Sorted and Rotated Minimum □

Difficulty: Easy Accuracy: 40.57% Submissions: 138K+ Points: 2

A sorted array of distinct elements arr[] is rotated at some unknown point, the task is to find the minimum element in it.

Examples:

Input: arr[] = [5, 6, 1, 2, 3, 4]

Output: 1

Explanation: 1 is the minimum element in the array.

Input: arr[] = [3, 1, 2]

Output: 1

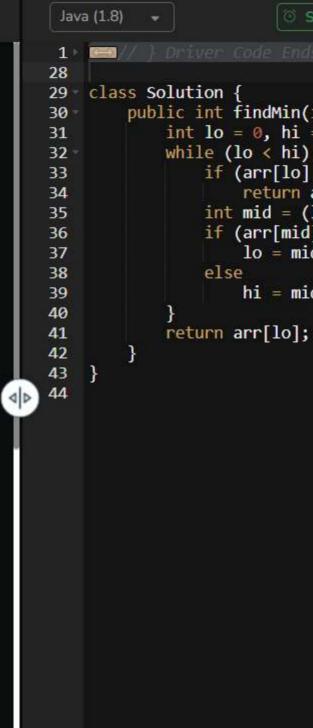
Explanation: Here 1 is the minimum element.

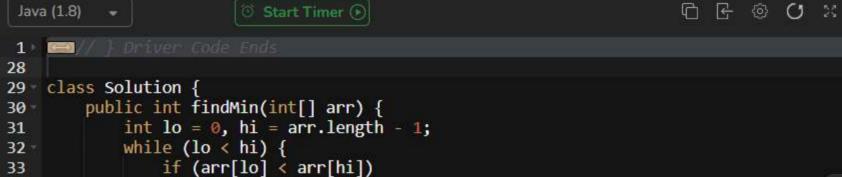
Input: arr[] = [4, 2, 3]

Output: 2

Explanation: Here 2 is the minimum element.

Constraints:





return arr[lo]; int mid = (lo + hi) / 2;

if (arr[mid] > arr[hi])

lo = mid + 1;

hi = mid:

else

