

Problem 6:

get min max problem traverse the array and updates min and max variable based on the following conditions:

if new number is $<$ min min == to new number else don't update the min if new number is $>$ max max = new number else don't update the max. after the traversal the min and max variable holds the min and max of array.

Time Complexity:

$O(n)$

Space Complexity:

$O(1)$