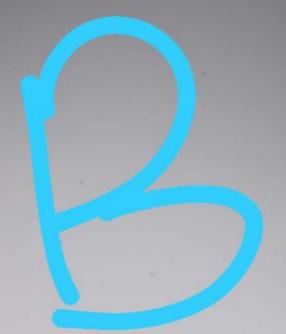


Read the question carefuly and choose the correct answer for the given options

Given is I(n) = O(m(n)). Then t*I(n) = O(m(n)), provided t is constant. Select correct answer defining it.



Symmetric Property of Asymptotic

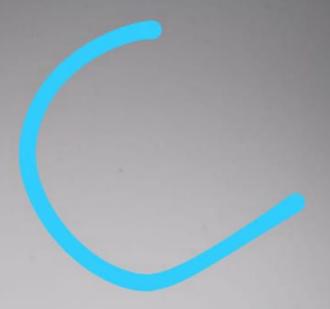
General Property of Asymptotic

Reflexive Property of Asymptotic

Transitive Property of Asymptotic

Read the question carefuly and choose the correct answer for the given options

Identify when linear search method gives worst time complexity (1 Mark)



OPTIONS

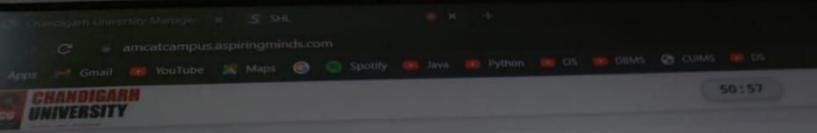
50:30

None

Elements are sorted and item to search is 1st element

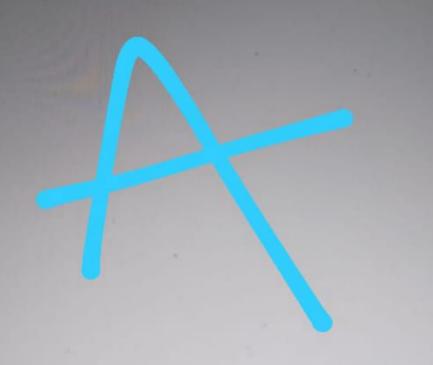
Elements may be in any order and item to serach is not found

Element are unsorted and item to search is 1st element



ead the question carefuly and choose the correct answer for the given options

entify that where Selection and Quick sort belong to a common sorting method category (1 Mark)



OPTIONS

Interchange Sort

Sort having (n* logn) complexity

Average time complexity is quadratic

Divide and Conquer Sort

Read the question carefuly and choose the correct answer for the given

Given array is 10,20,30,40,55. Delete 30. Compute the time complexity worst case Ques

OPTIONS

. Various

some

0(1)

O(n)

O(logn)

O(n^2)

Review Later

SUBMIT ANS

Read the question carefully and choose the correct annual for the co

0(1)

O(n)

O(2)

Ollogn)

Deview Later

Read the question carefuly and choose the correct answer for the given

An array A is declared with size n=10 and initial elements are: 1,2,3,4,5,6,7,8,3,10.

Apply insetion of one more element at beginning, then select the worst case time complexity and size of resulted array

OPTIONS

10

0(1),11

O(n),11

O(n),10

