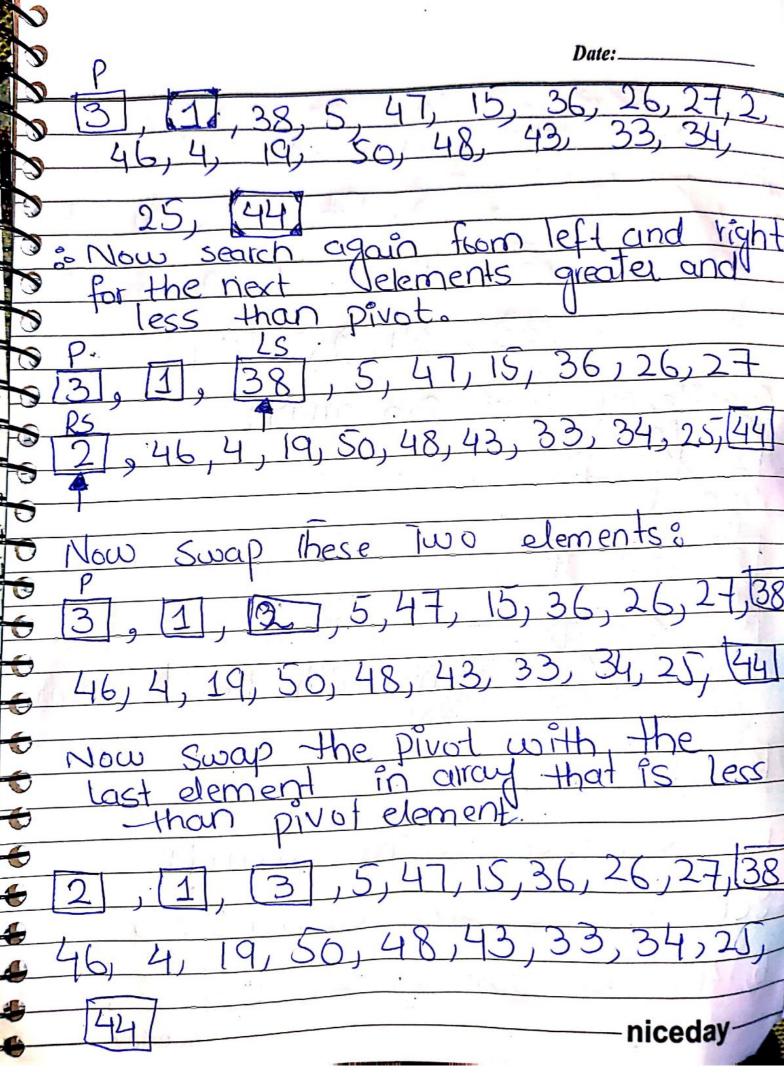
Date: 27/05/2021 3, 44, 38, 5, 47, 15, 36, 26, 27, 2, 46, 4, 19, 50,48,43, 33, 34, 25, Solution := First choose a pivot element or The arrayo he pivot element 13, 44, 38,5,47, 1S, B6, 26, 27, 2,46,4,1 50, 48, 43, 33, 34, 25, 1 on Now Search from left side for the first element greated than pivot. 48,43,33,34,2 Also choose from right side the first element Less than Divoto these Two elements



	Date:
Mou Soxt of	ivide the arrays.
2, 1, 3]	, [5,44, 15,3b, 26, 27, 3b, 26, 27, 3b, 26, 27, 3b, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 36, 26, 27, 37, 36, 27, 36
3	3, 34, 35, 144]
Considering fire	st Sub array:
P RS/ 15/	
Swap : 2/3 1/2	
9 12 1 3 3wap 1st, el	ement with Second element
(less than)	Pivoto
Now Consider	Second Subarrays
Set 46 as	Divot element .º p
5, 47, 15, 36	26) 27, 38 46 niceday—

Date:
4, 19, 50, 48, 43, 33, 34, 25, 44
% Select and swap elements that are
I from Lef- and right side.
5, 47, 15, 36, 26, 27, 38, 46, 4, 19,
(0 42 42 23 24 25 14 14 1
5, 44 (25), 15, 36, 26, 27, 38, 46
4,19,50,48,43,33,34,47,44
: Perform, this operation recursively
until both left and light Usitle satisfy pivot element proporty of
5, 25/, 15, 36/, 26, 27/38, 48, 40
19/50, 48, 43, 34, 47, 44
- 15 2/ 27 28 124 41
5, (25), 15, 36, 26, 27, 30) [39], 17
19, 50, 48, 43, 53, 51, 51, 11, 149 niceday

