



4 5 3 2 1 - swapping of regiments.

	pus \$	umortu	1	5
	4 5	3	2	
w=1	4	5 3 لسا	2	1
	4 3	5 2 ————————————————————————————————————	1	
	4 3	251		
	4 3	2 1	5	,
	un/ s	rted	8070	•

J P	4 3 2 1 5 3 4 2 1 5 3 2 1 1 5	2 3 1 4 5 2 3 1 4 5 2 3 3 4 5 2 3 3 4 5 2 3 5 0 v lay	21345 L 12345 Sortel.
	<b>V-</b>	,	1-1-1

Loop?] Ist boop >> Pass >> 1 to N-1

2nd bop >> Compare & swapping.

> j=0 to n-1-pass

arr(0) < rr (1) ->  $av_1(1)$   $\nearrow$   $vv_1(2) \rightarrow 4 3 5 2 1$ <sup>ωνη(2)</sup>>ννη(3) — 7 3 2 51 mm(3)> mm(4) → 4 3 2 15  $\frac{2}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$   $\frac{1}{43215}$ arr(2) > arr(3) - 3 2 1 4 5

pus	,	pus+i
1	3	4 = n - 1
2.	2	4

pursti=n-J

Selection nort - 4 5 3 2 J

Minimum index find koro and swap kero.

Tomineex.

puns 1 — 1 5 3 2 4  $\frac{pm2-1}{1} = \frac{5 \cdot 3}{2} = \frac{2}{4} \rightarrow 1 = \frac{3}{4} = \frac{5}{4}$ 2 nd India 16 indrew. PM3- 12 3 5 4 PM4, 1 2 3 4 5 45321

pm 1 -> Short from 0m index -> 1 5 3 2 4

pm2 that from 1 th index -> 1 2 3 5 4

pm3 short from 2nd index -> 1 2 3 5 4

pmy short from 3rd index -> 1 2 3 4 5.