

write an algorithm / flowchart to split an array into two equivalent arrays using below condition:

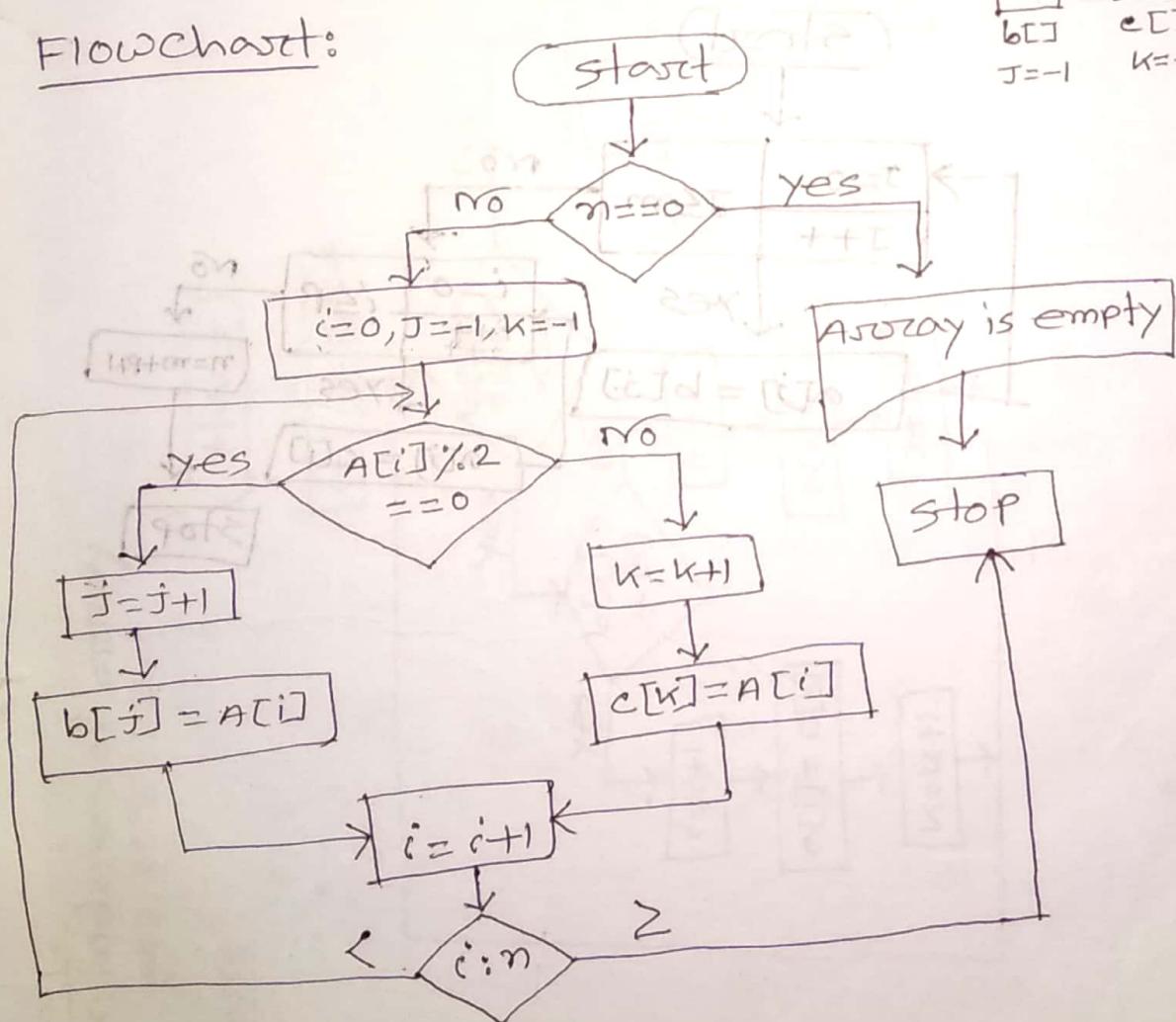
1. odd/even:

Algorithm:

$A[]$: input array.
 n : number of element.

$b[], c[]$: output array.
 i, j, k : indexes.

Flowchart:



even odd		
$b[]$	$j = -1$	$A[]$
		$i = 0$
		60
		50
		40
		30
		20
		10

Write an algorithm / flowchart to merge two arrays into one array.

Algorithm:

$A[]$: output array.

$b[], c[]$: input array.

$m = \text{maximum size } b[]$;

$P = \text{maximum size } c[]$

$n = \text{maximum size of } a[]$.

5	1	1	4	55
9		2	3	45
3		1	2	35
2		0	1	25
1			0	15
0				

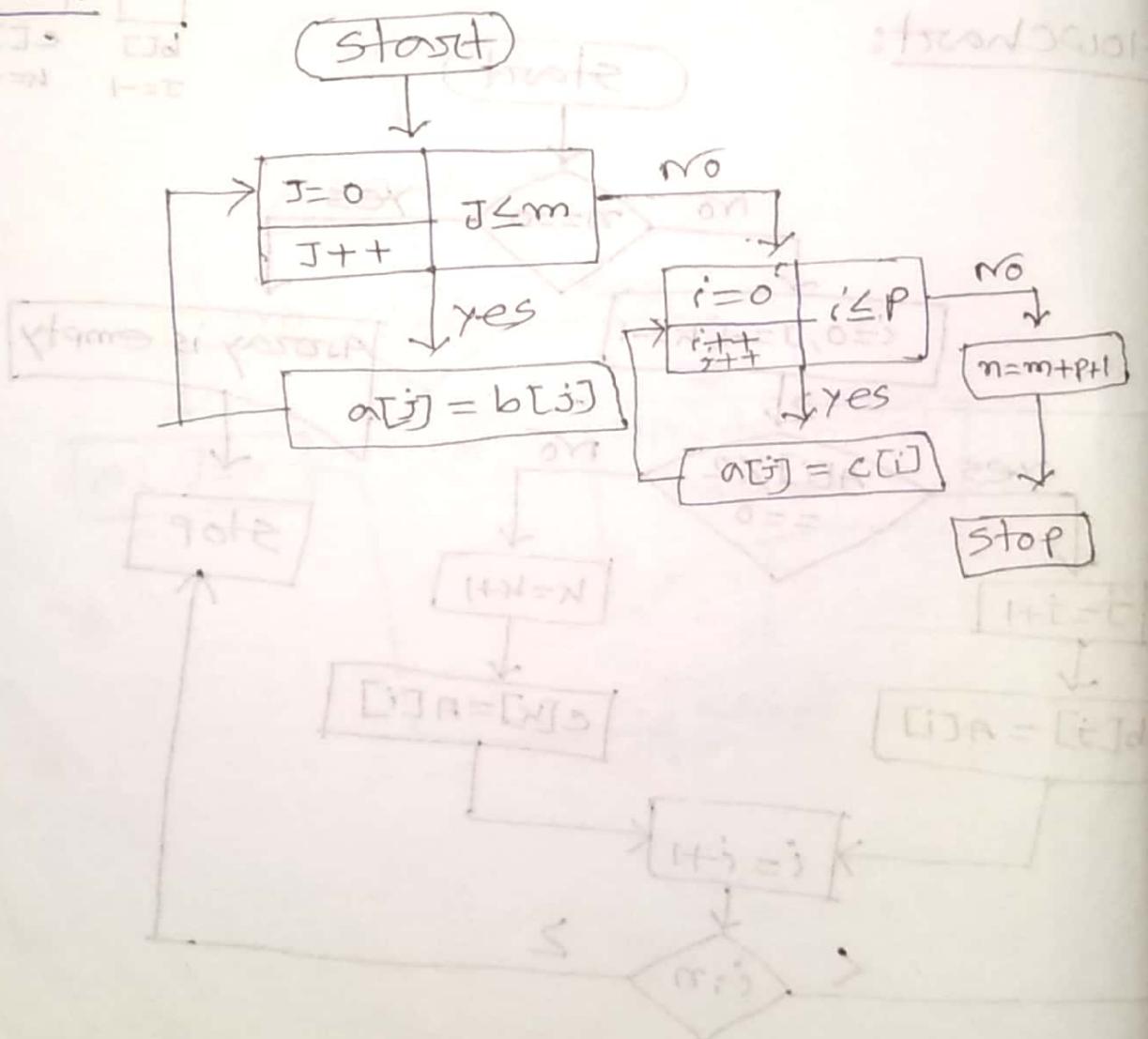
$b[]$ $c[]$

$$a[] \text{ full} \rightarrow a[]$$

$$m=2$$

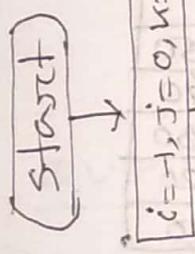
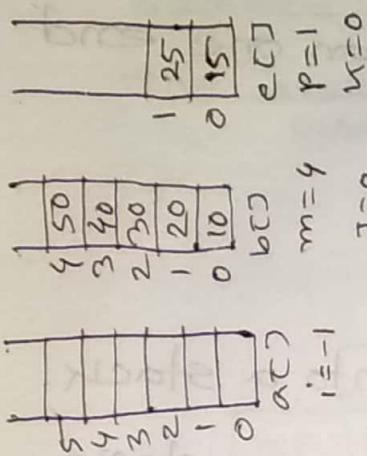
$$P=4$$

Flowchart:



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write an algorithm to merge two sorted arrays into one sorted array.



Algorithm:
 i, j, k : indexes of array
 arr , b , c , d .

Flowchart:

