Array related problems (total 21 questions)

SL	Problem statement		
1.	WAP that will take n integer numbers into an array, and then print all the integers into reverse order (from the last valid index to index 0).		*
	Sample input	Sample output	
	5 1 2 3 4 5	5 4 3 2 1	
	6 2 8 3 9 0 1	1 0 9 3 8 2	
2.	WAP that will take n integer numbers into an that array.	array, and then sum up all the integers in	*
	Sample input	Sample output	
	5 1 2 3 4 5	15	
	6 2 8 3 9 0 1	23	
3.	WAP that will take n integer numbers into an arra array.	ay, and then sum up all the even integers in that	*
	Sample input	Sample output	
	5	6	
	1 2 3 4 5		
	6	10	
	2 8 3 9 0 1		
4.	WAP that will take n floating point numbers into an array, and then find the average of those numbers.		*
	Sample input	Sample output	
	5	5.36	

1.2 5.6 10.3 4.5 5.2		
8	8.38	
2.1 8.3 3.7 9.2 0.6 1.5 6.4 10.1		

5. WAP that will take n integer numbers into an array, and then sum up all the even indexed integers in that array.

Sample input	Sample output
5	9
1 2 3 4 5	
6	5
283901	

6. Wap that will take n integer numbers in an array, n different integer numbers in a second array and put the sum of the same indexed numbers from the two arrays in a third array.

Sample input	Sample output
5	3 10 6 8 13
12345	
28348	
8	7971794715
283901610	
51489315	

7. WAP that will take n integer numbers into an array, and then reverse all the integers within that array. Finally print them all from 0 index to last valid index.

Sample input	Sample output
5	5 4 3 2 1
1 2 3 4 5	
6	1 0 9 3 8 2
2 8 3 9 0 1	

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Sample input	Sample output	
5	Max: 5, Index: 4]
1 2 3 4 5	Min: 1, Index: 0	
6	Max: 9, Index: 3	
283901	Min: 0, Index: 4	
WAP that will take n alphabets into an array, and then count number of vowels in that array.		
Sample input	Sample output	
7	Count: 5	
AKIOUEH		_
29 UNITEDINTERNATIONALUNIVERSIT	Count: 13	
WAP that will take n integers into an array, and then search a number into that array. If found then print its index. If not found then print "NOT FOUND".		*
Sample input	Sample output	7
8 78132643 3	FOUND at index position: 3, 7	
	NOT FOUND	1
8		

Sample input	Sample quitnut	
Sample input	Sample output Array A: 78132643	
78132643	Array B: 3 4 6 2 3 1 8 7	
3	Array A: 3 2 1	
321	Array B : 1 2 3	
	, , , , , , , , , , , , , , , , ,	
WAP that will take n integer numbers as input in an array and then insert a number in a position specified by the user in the array.		
Sample input	Sample output	
10	9 11 34 23 78 16 15 2 37 89 54	
9 11 34 23 16 15 2 37 89 54	3 11 34 23 70 10 13 2 37 03 34	
number: 78 position: 4		
number: 78 position: 4	16 32 14 9 48 6	
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nu	umbers as input in an array and then delete a number from	*
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nua position specified by the user	umbers as input in an array and then delete a number from r in the array.	*
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer not a position specified by the user	umbers as input in an array and then delete a number from r in the array. Sample output	*
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nua position specified by the user	umbers as input in an array and then delete a number from r in the array.	*
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nu a position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54	umbers as input in an array and then delete a number from r in the array. Sample output	*
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nual position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0 WAP that will first take n integer	umbers as input in an array and then delete a number from r in the array. Sample output 9 11 34 23 15 2 37 89 54	**
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nual position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0 WAP that will first take n integer	Sample output 9 11 34 23 15 2 37 89 54 14 9 48 6 ers into an array A and then m integers into array B. Now ray A and B. Finally show all elements of both array A and B. Sample output	
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nual position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0 WAP that will first take n integar nual position: 0 WAP that will first take n integar nual position: 0 Sample input 8	Sample output 9 11 34 23 15 2 37 89 54 14 9 48 6 ers into an array A and then m integers into array B. Now ray A and B. Finally show all elements of both array A and B. Sample output Array A: 3 2 1	
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nual position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0 WAP that will first take n integation swap all elements between arr	Sample output 9 11 34 23 15 2 37 89 54 14 9 48 6 ers into an array A and then m integers into array B. Now ray A and B. Finally show all elements of both array A and B. Sample output	
5 32 14 9 48 6 number: 16 position: 0 WAP that will take n integer nual position specified by the user Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0 WAP that will first take n integar nual position: 0 WAP that will first take n integar nual position: 0 Sample input 8	Sample output 9 11 34 23 15 2 37 89 54 14 9 48 6 ers into an array A and then m integers into array B. Now ray A and B. Finally show all elements of both array A and B. Sample output Array A: 3 2 1	

	WAP that will take n positive integers into an array A. Now find all the integers that are divisible by 3 and replace them by -1 in array A. Finally show all elements of array A.		
	Sample input	Sample output	
	8 78132643	7 8 1 -1 2 -1 4 -1	
	3 3 2 1	-1 2 1	
5.	•	ntegers into an array A. Now find all the integers that have m by 0 in array A. Finally show all elements of array A.	
	Sample input	Sample output	
	8 78132643	70102040	
	3 3 2 1	3 0 1	

7.	WAP that will take n integers i that array. Finally show all ele Reference: http://en.wikipedia.		
7.	that array. Finally show all ele Reference: http://en.wikipedia.	ments of array A. org/wiki/Bubble_sort	
7.	that array. Finally show all ele	ments of array A.	
7.	that array. Finally show all ele Reference: http://en.wikipedia. Sample input 8	ments of array A. org/wiki/Bubble sort Sample output	

Sample input	Sample output]
8	281364]
28132643		
3	3	
333		-
4	6789	
6789		
wap that will take n integers in the intersection (set operation)	nto array A and m positive integers into array B. Now find) of array A and B.	**
Sample input	Sample output	
8	1263	
78152643		
6		
136092	Frankisak	-
3 123	Empty set	
2		
45		
WAP that will take n integers ir find the union (set operation) of	nto an array A and m positive integers into array B. Now of array A and B.	**
Sample input	Sample output]
8	7815264309]
78152643		
6		
136092		11
	12345	
3		
3 123		
3		

21. WAP that will take n integers into an array A and m positive integers into array B. Now find the difference (set operation) of array A and B or (A-B).

Sample input	Sample output
8	7854
78152643	
6	
136092	
3	123
123	
2	
4 5	

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