Array related problems (total 21 questions)

SL	Problem statement		Difficulty levels	
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 in that array.	to an 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.	3. WAP that will take n integer numbers into an array, and then sum up all the even integers in that array.			
	Sample input 5 1 2 3 4 5	Sample output 6		
	6 283901	10		
4.	WAP that will take n floating point numbers numbers.	s into an array, and then find the average of those	*	
	Sample input	Sample output		
	5 1.2 5.6 10.3 4.5 5.2	5.36		
	8 2.1 8.3 3.7 9.2 0.6 1.5 6.4 10.1	8.38		
	MARIL A SILA CANADA		*	
5.	integers in that array.	to an array, and then sum up all the even indexed	7.	

Sample input	Sample output	
5	9	
1 2 3 4 5		
6	5	
2 8 3 9 0 1		
-	mbers in an array, n different integer numbers in a s me indexed numbers from the two arrays in a third	
array and put the sum of the sa	me indexed numbers from the two arrays in a third	
array and put the sum of the sa Sample input	me indexed numbers from the two arrays in a third Sample output	
array and put the sum of the sa	me indexed numbers from the two arrays in a third	
Sample input	me indexed numbers from the two arrays in a third Sample output	
Sample input 5 12345	me indexed numbers from the two arrays in a third Sample output	
Sample input 5 1 2 3 4 5 2 8 3 4 8	Sample output 3 10 6 8 13	

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		5 4 3 2 1			
	1 2 3 4 5 6 1 0 9 3 8 2				
	283901				

8. WAP that will take n integer numbers into an array, and then find the maximum - minimum among them with its index position.

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

9. 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	Count: 13	
	UNITEDINTERNATIONALUNIVERSITY		
10.		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	
	8	FOUND at index position: 3, 7	
	78132643		
	3		
	8	NOT FOUND	
	78132643		
	5		
		·	

Sample input	Sample output	
8	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	
WAD that will take a integer number	rs as input in an array and then insert a number in a	**
position specified by the user in the	rs as input in an array and then insert a number in a 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		
number: 78 position: 4		
5	16 32 14 9 48 6	
32 14 9 48 6		
number: 16 position: 0		*
a position specified by the user in th	rs as input in an array and then delete a number from e array.	
Sample input	Sample output	
10	9 11 34 23 15 2 37 89 54	
9 11 34 23 16 15 2 37 89 54		
position: 4		
5	14 9 48 6	
32 14 9 48 6		
position: 0	La caración de la contraction	**
MAAD that I'll Coat talls a Calassas to	to an array A and then m integers into array B. Now	**
WAP that will first take n integers in swap all elements between array A a	and B. Finally show all elements of both array A and B.	
_	and B. Finally show all elements of both array A and B. Sample output	
swap all elements between array A a	·	
swap all elements between array A a	Sample output	
swap all elements between array A a Sample input 8	Sample output Array A: 3 2 1	
Sample input 8 78132643	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	
Swap all elements between array A a Sample input 8 78132643 3	Sample output Array A: 3 2 1	

	Sample input	Sample output	
	8	781-12-14-1	
	78132643		
	3	-1 2 1	
	321		
		<u>.</u>	
L 6 .	-	ntegers into an array A. Now find all the integers that have	
	an odd index and replace then	n by 0 in array A. Finally show all elements of array A.	
	Sample input	Sample output	
	8	70102040	
	78132643		
	3	301	
	-	3 3 1	
	321		
	3 2 1		
17.	WAP that will take n integers i	nto an array A. Now sort them in ascending order within	***
17.		nto an array A. Now sort them in ascending order within	***
17.	WAP that will take n integers i	nto an array A. Now sort them in ascending order within ments of array A.	***
17.	WAP that will take n integers i that array. Finally show all eler Reference: <a en.wikipe<="" en.wikipedia.com="" href="http://en.wikipedia.com/http://en.wikipe</td><td>nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble_sort</td><td>***</td></tr><tr><td>17.</td><td>WAP that will take n integers i that array. Finally show all eler Reference: <td>nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble sort Sample output</td><td>***</td>	nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble sort Sample output	***
17.	WAP that will take n integers i that array. Finally show all eler Reference: <a en.wikipe<="" en.wikipedia.com="" href="http://en.wikipedia.com/http://en.wikipe</td><td>nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble_sort</td><td>***</td></tr><tr><td>17.</td><td>WAP that will take n integers i that array. Finally show all eler Reference: <td>nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble sort Sample output 1 2 3 3 4 6 7 8</td><td>***</td>	nto an array A. Now sort them in ascending order within ments of array A. org/wiki/Bubble sort Sample output 1 2 3 3 4 6 7 8	***
17.	WAP that will take n integers i that array. Finally show all eler Reference:		

	WAP that will take n integers into an array A. Now remove all duplicates numbers from that array. Finally print all elements from that array.		
that array. Finally prin	that array. I many print an elements from that array.		
Sample input	Sample output		
8	281364		
28132643			
3	3		
3 3 3	6789		
6789	0 7 8 9		
0.00			
	integers into array A and m positive integers into array B. Now find	**	
the intersection (set o	operation) of array A and B.		
Sample input	Sample output		
8	1263		
78152643			
6 136092			
3	Empty set		
123	Limpty Set		
2			
4 5			
	integers into an array A and m positive integers into array B. Now peration) of array A and B.	**	
Sample input	Sample output		
8	7815264309		
70152642			
78152643			
6			
6 136092	12345		
6	12345		
6 136092 3	12345		
6 136092 3 123	12345		
6 136092 3 123 2	12345		

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	
45	

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