Array related problems (total 21 questions)

SL	Prob	olem statement	Difficulty levels
1.	WAP that will take n integer numbers in reverse order (from the last valid index to	to an array, and then print all the integers into 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	
	Sample input	Sample output 6	
	1 2 3 4 5	10	
4.	2 8 3 9 0 1	s into an array, and then find the average of those	*
4.	numbers.	ss 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	

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
2 8 3 9 0 1	

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.

- 1	•	ᡯ	7
- 1			
- 1			
- 1			

Sample input	Sample output
5	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.

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Sample output
Max: 5, Index: 4
Min: 1, Index: 0
Max: 9, Index: 3
Min: 0, Index: 4

Sample input	Sample output	
7	Count: 5	
AKIOUEH		$-\parallel$
29 UNITEDINTERNATIONALUNIVE	Count: 13	
_	to an array, and then search a number into that array. I t found then print "NOT FOUND".	f ,
_	•	f '
ound then print its index. If no	•	f ;
ound then print its index. If no Sample input	t found then print "NOT FOUND".	f ·
_	t found then print "NOT FOUND". Sample output	f ;
Sample input 8	t found then print "NOT FOUND". Sample output	f ;
Sample input 8 78132643	t found then print "NOT FOUND". Sample output	f ;
Sample input 8 78132643	Sample output FOUND at index position: 3, 7	f ;

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	
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 16 15 2 37 89 54 number: 78 position: 4	9 11 34 23 78 16 15 2 37 89 54	
5 32 14 9 48 6 number: 16 position: 0	16 32 14 9 48 6	
_	mbers as input in an array and then delete a number from	*
a position specified by the user	r in the array.	*
Sample input 10 9 11 34 23 16 15 2 37 89 54		*
a position specified by the user Sample input 10	in the array. Sample output	*
Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0	Sample output 9 11 34 23 15 2 37 89 54	**
Sample input 10 9 11 34 23 16 15 2 37 89 54 position: 4 5 32 14 9 48 6 position: 0	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	
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 integers wap 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 ay A and B. Finally show all elements of both array A and B.	

Sample input	Sample output	
8	781-12-14-1	
78132643	-1 2 1	
321		
WAP that will take n positive in	ntegers into an array A. Now find all the integers that have	
· ·	by 0 in array A. Finally show all elements of array A.	
an out mack and replace then	T by O III array A. I maily show all cicinches of array A.	
Sample input	Sample output	
8	70102040	
78132643]
3	301	
3 2 1]
WAR that will take a integral in	ata an array A. Navy sout them in according and an within	***
WAP that will take n integers ir	nto an array A. Now sort them in ascending order within	
that array Finally show all alon	•	
that array. Finally show all elen		
that array. Finally show all elen Reference: http://en.wikipedia.og		1
Reference: http://en.wikipedia.o		
1 ' '	Sample output 1 2 3 3 4 6 7 8	
Reference: http://en.wikipedia.o Sample input	Sample output	
Reference: http://en.wikipedia.og Sample input 8	Sample output	

18.	WAP that will take n integers into an array A		**
	that array. Finally print all elements from tha	at array.	
	Sample input	Sample output	
	8	281364	
	28132643		
	3	3	
	3 3 3	6789	
	6789	0789	
19.	WAP that will take n integers into array A and the intersection (set operation) of array A ar		**
	Sample input	Sample output	
	8	1263	
	78152643		
	6		
	136092	<u> </u>	
	3 123	Empty set	
	2		
	45		
20.	WAP that will take n integers into an array A the union (set operation) of array A and B.	and m positive integers into array B. Now find	**
	Sample input	Sample output	
	8	7815264309	
	78152643		
	136092		
	3	12345	
	123		
	2		
	45		

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		ļ
4 5		

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