Array related problems (total 21 questions)

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	Difficulty levels
5	*
2. WAP that will take n integer numbers into an array, and then sum up all the integers in that array. Sample input 5 12 3 4 5 6 2 8 3 9 0 1 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 12 3 4 5 6 2 8 3 9 0 1 Sample output 5 1 2 3 4 5 6 1 2 3 4 5 6 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.	
2. WAP that will take n integer numbers into an array, and then sum up all the integers in that array. Sample input 5 15 12 3 4 5 6 2 8 3 9 0 1 3. WAP that will take n integer numbers into an array, and then sum up all the even integers in the array. Sample input 5 6 1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6 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.	
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Sample input Sample output 5 1 2 3 4 5 6 2 8 3 9 0 1 WAP that will take n floating point numbers into an array, and then find the average of those numbers.	
5 1 2 3 4 5 6 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.	t *
1 2 3 4 5 6 10 2 8 3 9 0 1 WAP that will take n floating point numbers into an array, and then find the average of those numbers.	
4. WAP that will take n floating point numbers into an array, and then find the average of those numbers.	_
numbers.	
	*
Sample input Sample output	
5 1.2 5.6 10.3 4.5 5.2	
8 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 indexintegers in that array.	ed *

Sample input	Sample output	
5 1 2 3 4 5	9	
6 2 8 3 9 0 1	5	
•	ers in an array, n different integer numbers in a se indexed numbers from the two arrays in a third	

Sample output
3 10 6 8 13
7 9 7 17 9 4 7 15

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.

6.

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Sample input	Sample output
5	5 4 3 2 1
1 2 3 4 5	
6	109382
2 8 3 9 0 1	

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 input	Sample output
5	Max: 5, Index: 4
1 2 3 4 5	Min: 1, Index: 0
6	Max: 9, Index: 3
2 8 3 9 0 1	Min: 0, Index: 4

9. WAP that will take n alphabets into an array, and then count number of vowels in that array.

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Sample inp	ut	Sample output	
7		Count: 5]
AKIOUEH			
29		Count: 13	
UNITEDINT	ERNATIONALUNIVERSITY		
10. WAP that wi	ll take n integers into an array, a	and then search a number into that array. If	*
	orint its index. If not found then	print "NOT FOUND".	
	orint its index. If not found then	print "NOT FOUND".	
		print "NOT FOUND". Sample output	
found then p			
found then p	ut	Sample output	
Sample inp	ut	Sample output	
Sample inp 8 7813264	ut	Sample output	
Sample inp 8 7813264	ut 1 <mark>3</mark>	Sample output FOUND at index position: 3, 7	
Sample inp 8 7813264	ut 1 <mark>3</mark>	Sample output FOUND at index position: 3, 7	-
Sample inp 8 7813264 3 8 7813264	ut 1 <mark>3</mark>	Sample output FOUND at index position: 3, 7	_

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: 123	
WAP that will take n integer number position specified by the user in the Sample input	ers as input in an array and then insert a number in a earray. 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	9 11 34 23 76 10 13 2 37 63 34	
5	16 32 14 9 48 6	
32 14 9 48 6		
number: 16 position: 0		
Sample input 10	Sample output 9 11 34 23 15 2 37 89 54	
9 11 34 23 16 15 2 37 89 54 position: 4		
5 32 14 9 48 6 position: 0	14 9 48 6	
_	nto an array A and then m integers into array B. Now and B. Finally show all elements of both array A and B.	**
Comple input	Sample output	
Sample input	Array A : 3 2 1	
8		
	Array B: 78132643	1
8 78132643 3	Array B: 7 8 1 3 2 6 4 3	
8 78132643	Array B: 7 8 1 3 2 6 4 3	
8 78132643 3	Array B: 78132643	

8 1 3 2 6 4 3 2 1	781-12-14-1	
	-121	
	-1 2 1	
21		
AP that will take n positive in	tegers into an array A. Now find all the integers that have	
·	,	
ample input	Sample output	
	70102040	
8132643		
	301	
21		
_		***
-	•	
rerence: http://en.wikipedia.org	rg/wiki/Bubble_sort	
ample input	Sample output	
	1 2 3 3 4 6 7 8	
8132643		
	1 2 3	
		1
21		
1	ample input 8 1 3 2 6 4 3 2 1 AP that will take n integers in at array. Finally show all elem ference: http://en.wikipedia.or	7 0 1 0 2 0 4 0 8 1 3 2 6 4 3 3 0 1 AP that will take n integers into an array A. Now sort them in ascending order within at array. Finally show all elements of array A. ference: http://en.wikipedia.org/wiki/Bubble_sort Sample output 1 2 3 3 4 6 7 8

Comple innet	Comple out	
Sample input	Sample output	
8	281364	
28132643		
3	3	
3 3 3		
4	6789	
6789		
. WAP that will take n integers the intersection (set operation)	s into array A and m positive integers into array B. Now firon) of array A and B.	ıd **
Sample input	Sample output	
8	1 2 6 3	
78152643		
6		
136092		
3	Empty set	
123		
2		
45		
• WAP that will take n integers find the union (set operation	s into 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		
3	12345	
123		
2		
45		
	1	

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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