

## Pointers-Recursion-File related problems

SL	Problem statement	Difficulty levels						
1.	<p>WAP that will add two numbers using <b>pointers</b>.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3 5</td><td>8</td></tr><tr><td>5 9</td><td>14</td></tr></table>	Sample input	Sample output	3 5	8	5 9	14	*
Sample input	Sample output							
3 5	8							
5 9	14							
2.	<p>WAP that will find the maximum number between two numbers using a pointer.</p> <table><tr><th>Sample input (m,n)</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input (m,n)	Sample output					*
Sample input (m,n)	Sample output							
3.	<p>WAP that will print the elements of an array without using index.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output			*		
Sample input	Sample output							
4.	<p>WAP that will calculate the length of the string using pointers.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output			*		
Sample input	Sample output							
5.	<p>WAP that will swap values of two variables using pointers.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output			*		
Sample input	Sample output							
6.	<p>WAP that will count the number of vowels and consonants in a string using pointer.</p>	*						

	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
7.	<p>WAP that will compute the sum of all elements in an array using pointers.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output			***		
Sample input	Sample output							
8.	<p>WAP that will print the elements of an array in reverse indexed order.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					*
Sample input	Sample output							
9.	<p>WAP that will display numbers 1 to 10 using recursion.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					**
Sample input	Sample output							

10.	WAP that will calculate the sum of numbers from 1 to n using recursion.	**						
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
11.	WAP that will display Fibonacci Series using recursion.	**						
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							

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12.	WAP that will print the array elements using recursion.	**						
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
13.	WAP that will count the digits of a given number using recursion.	**						
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
14.	WAP that will get the largest element of an array using recursion.	***						
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
15	WAP that will print even or odd numbers in given range using recursion.							
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
16	WAP that will check whether a given String is Palindrome or not.							
	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
17	WAP that will create and store the following information in the sample.txt text file. <div><div>1 Zahid 2 Tanvir 3 Akif</div></div>							
18	WAP that will read the sample.txt file created above.							

	<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
19	<p>WAP that will read and display content of the sample.txt file created above.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
20	<p>WAP that will count the number lines in a file.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							
21	<p>WAP that will append multiple lines at the end of a text file.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Sample input	Sample output					
Sample input	Sample output							