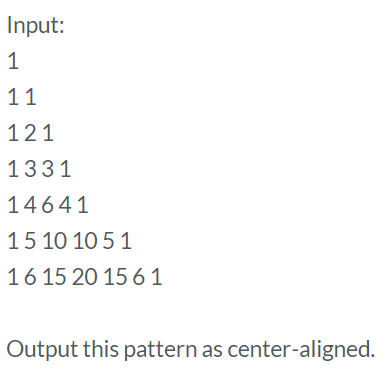
**Enosis Solutions:**

1)Rotation of an array using iteration  
2)Write a fibbonachi sequence using one loop  
3)Hackerrank problems   
4)Findout wheather the string is anagram or not   
5) write a function two check the given input is palindrome or not. Input is a number and you can't convert number to string.  
6) Check if Number 12321 is Palindrome or not.  
7) String Manipulation and Tree related problem  
8) String and graph related problems of medium difficulty  
9) String manipulation, OOP related questions  
10) First Phase: Q1. Print repeating elements in an array. Q2. Ip address validation problem. Second Phase: Q1. You will be given a long string. You have to break the string with maximum characters per line. Q2. Build a tree from list of nodes. Question will be explained by the interviewer.

11) first non-repeating character. + print 1,2,3 ... 10, 9, 8 ...1 with a single for loop.   
 2. decode an encoded string, it was a stack problem

12) Checking a string is Pangram or not  
13) The first problem was to find repeated element in an array. The second problem was to do a write circular shift of the array without using extra space.  
14)Also Database related Questions  
15) Write a code to detect whether a given IP address is valid or not  
16) Divide a long sentence into multiple sentences with length at most N so that no word is broken in multiple lines. I had to use C# but I wasn't allowed to use split.

17) Given a sentence as a string. Reverse the words keep the sequence and output the reversed word string. (15-minute screening test)



18) Given a postfix notation. Build the expression tree.

18) You are given an array. You have to print the array(without using extra space) after one circular shift.  
19) Find the average of a given array without the max and mix numbers.

20) Given an integer array, print all repeating elements in the array.

21) Reverse every word in a string  
22) Given an array of nodes, where each of the nodes has three members- id, name, parentId . You have to generate the tree using two given methods. Questions will be explained briefly by the interviewer.

23) Given a list of entities consist of child, parent relationship, build the tree.

24) Longest Common subsequence of string  
25) Left alignment string was given and have to make it center alignment.

26) A hierarchical XML tag list was given and from this we have to make a tree

27) An array was given and the output will be an array. the task was to manipulate the array by right shifting the elements

28) In the first programming session, I was asked to do some calculation given an array of integers.

29) "find highest and second highest number from the array using only one loop"  
30) Left align strings given. you need to make it center align or right align.  
31) Given a left aligned string asked to make it center aligned.  
32) Find most frequent and 2nd most frequent small letter from a given string

33) From a given Postfix notation construct an expression tree  
34) Find string anagram or not?  
35) String alignment and Array related Problems  
36) I got an array related problem and the second one was string manipulation.  
37) How to left align some strings  
38) what is the difference between ViewBag, ViewData and TempData.  
39) String manipulation problem and tree based question  
40) Given a list of tree node. Generate the full tree using parent and child ID.  
41) Write an algorithm to reverse a string.  
42) GIven an array of string, I have to backword print it.  
43) Given a string the interview asked to make each new line of the string center aligned. Each new line was identified by special character '\r\n'  
44) Given a string the interview asked to find the most frequent character and the second most frequent character

45) The interview gave a list of nodes from a collection of trees where each node has an id and a name (string) and another id which determines its parent(-1 in case the node is a root). The trees (forest) had to be constructed from the given information.

46) At first, they had given a string alignment problem. It was a pyramid type paragraph with middle alignment, I had to convert all the rows into left align. After solving it, the interviewer asked various questions from my code. He thoroughly checked my code and asked me questions for better understanding of my coding approach. After solving first problem, I was told to solve it with stringBuilder(a feature of C#). It was new concept for me at that time. So they conducted 5mins of lecture about stringbuilder. Then I was told to solve with it. Unfortunately I could not manage to solve it within the given time.

47) One is alignment and another one is about graph theory./ Right Alignment Problem and Graph Theory  
48) Reverse an array   
49) Find Duplicate  
50) To write an string modifier function in C.  
51) String reverse  
52) Age-related to math etc.  
53) print a sequence using one loop: 10 9 8 7 6 5 4 3 2 1 3 4 5 6 7 8 9 10  
54) Write a function to reverse each word of a given string.  
55) Write a function that will print all the multiples of 3 between 1-200 ( in reverse order )  
56) Read integers from one file and then find the avg  
57) A string was given. you need to print the string removing the fourth index.  
58) Write a function that will receive a string as an input and will return the string in reverse order.  
59) Find the elements that occurs only once in the array.  
60) find error from code : a) stack class code was given b) an avg from an array (return type error and some more)  
61) Write a program the prints the multiple of 3 from 1 to 200 in reverse order.   
62) The coding test contains problems involving text alignment and binary trees.  
63) <https://aprogrammersexperience.blogspot.com/2018/11/interview-questions-at-enosispart-1.html?m=1>

64) Center alignment from a left aligned Triangle pattern.  
65) String manipulation and tree generation in coding test.  
66) Find multiples of 3 between 200-0. And more.  
67) One is alignment text center.   
Another is maximum number of small characters in a string  
68) alignment a test center.  
69) What is the different between depth first search and breadth first search?  
70) String Manipulation, Array related problem, Software testing is also the basic question.  
71) Reverse a given string word by word.  
72) In coding test I was given greedy problems, where the hardest one was about basic linked list.  
73) You'll be given some text in a file. The text in the file can be left align, right-align, or center align. You need to align those texts with the interviewer's choice.  
74) Reverse string in words wises not characters.  
75) Adhoc programming, string manipulation.  
76) Stack & Queue related Problems  
77)center aligning string from a plain string  
78) Reverse every word of a sentence.. like "I eat" to "I tae".  
79) Remove fourth character of a string.  
80) Reverse words of a sentence  
81) Right align a Text, Building from parent-child relation, building tree postfix notation etc  
82) Given a left aligned string and had to write function for aligning it right based on given line size and atomicity of word constraint.  
83) You are asked to write specific functions like reversing a string, largest common subsequence.  
84) Find out the largest common subsequence  
85) 1 2 3 4 5 6 7 8 9 10 9 8 7 6 5 4 3 2 1 print this in one loop  
86) Ad hoc programming problems were given in written test.  
87) Reverse string  
88) playing with arrays, string manipulation, stack-queue etc.  
89) String Manipulation  
90) Same right-alighment problem + Tree construction problem.  
91) Print the following series using only one loop. 10 9 8 7 6 5 4 3 2 1 2 3 4 5 6 7 8 9 10  
92) Write a function to read integers from a file and output their average.  
93) The first problem was of a string alignment conversion and the second problem was of creating a tree using a node insertion function they will provide based on a list of relationships between some entities. You might be asked about some variations of the problems or the problems from the written test as well.  
94) Transform a left aligned text into a right aligned one where the maximum size of output window is given.  
95) Reverse a sentence.  
96) Reverse a String, Print a sequence, find an error in the code.  
97) Write a code for reading all the files in a folder  
98) A function will be implemented for either right align, left align or center align of a passage. You will need to tweak the given function for expected alignment asked.  
99)

id name parent\_id 1 abcd -1 2 bcdf 1 3 efgh 2 normalNode{ id; name; parentId; } treeNode n = add(string name, treeNode parentNode) //normal treeNode n = add(string name) //parent make a tree out of these given list structure.  
  
100 ) Write a function to reverse each word of a given string.  
101) Find the duplicates elements among arrays.  
102) Sum two numbers from the file inputs etc  
103) Align a string to right from left.  
104) String right alignment , Map Vector Tree related problems.  
105) write the code for right-aligning a text in a text-box.  
106) Reverse string ( input=abc, output=cba) , Reverse word , Check duplicate elements... etc   
107) questions are like reverse array,print multiple of 3's and also some analytical questions.  
108) How would you implement center aligned text?  
109) Write a function that will receive a string as an input and will return the string in reverse order.  
110) Write a function that will print the following series of numbers using only one loop: "1,2,3,4,5,6,7,8,9,10,9,8,7,6,5,4,3,2,1"   
111) Write a function that will print all the multiples of 3 between 1-200 ( in reverse order )  
112) Reverse a string ( eg: input : cats and dogs , output : dogs and cats )  
113) print the series using only one loop 1 2 3 4 5 6 7 8 9 10 9 8 7 6 5 4 3 2 1  
114) find duplicates in an array.  
115) print multiples of 3 from 200 to 1  
116) give a window size . some texts are left align , make it right align .  
117) you will be given a simple recursive code and draw its tree. please read about constructor calling. 1 2 3 4 5 6 7 8 9 10 9 8 7 6 5 4 3 2 1 write this code in one loop.  
118) what is ajax? why we use it?  
119) design the given program with OOP concept.  
120) Agile development knowledge   
121) Write code of 1st 100 Prime number series, Fibonnaci series. Testing related questions.  
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