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22 <meta charset="<?php bloginfo( 'charset' ); ?>" />
23 <meta name="viewport" content="width=device-width" />
24 <link rel="profile" href="http://gmpg.org/xfn/11" />
25 <link rel="pingback" href="<?php bloginfo( 'pingback_url' ); ?>" />
26 <?php fruitful_get_favicon(); ?>
27 <!-- If it IE 9 --><script src="<?php echo get_template_directory_uri(); ?>/js/html5.js"></script></head>
28 <?php wp_head(); ?>
29 </head>
30 <body <?php body_class(); ?>
31 <div id="page-header" class="hfeed site">
32 <?php
33 $theme_options = fruitful_get_theme_options();
34 $logo_pos = $theme_options['logo_position'];
35 if (isset($theme_options['logo_position']))
36     $logo_pos = esc_attr($theme_options['logo_position']);
37 if (isset($theme_options['menu_position']))
38     $menu_pos = esc_attr($theme_options['menu_position']);
39 $logo_pos_class = fruitful_get_class($logo_pos);
40 $menu_pos_class = fruitful_get_class($menu_pos);
41 $responsive_menu_type = fruitful_get_responsive_menu_type();
42 $responsive_menu_type = esc_attr($responsive_menu_type);
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## INTERNSHIP AND PLACEMENT PREPARATION MATERIAL

# STRINGS

Strings are very essential for internships/placements. You can expect a question from Strings.

Set of problems involving dynamic programming have been intentionally omitted. We have a separate document covering those questions

The following 5 principles can be very helpful in solving string problems

- 1 . Use integer array of length 256 to represent character counts
2. Using two pointers in a string
3. Do string math, how to convert string between characters, integers
4. Using two pointers when comparing two strings.
5. String algorithms in general. Understand the strategies used in general string algorithms.

## Day 1

### Easy:

[Remove Adjacents](#)

[First Unique Character](#)

[Destination City](#)

[Detect Capital](#)

[Reverse Words](#)

### Medium:

[All permutations of a string](#)

[Most Frequent Word](#)

[Decode String](#)

### Hard:

[Palindromic Substrings](#)

## **Day 2**

### **Easy:**

[Add Binary strings](#)

[Check if strings are rotations of each other](#)

[Implement STRSTR](#)

[Longest Palindrome](#)

[Valid Parenthesis](#)

### **Medium:**

[Count and Say](#)

[Minimum Characters to Palindrome](#)

[Reorganize String](#)

### **Hard:**

[Print Words Vertically](#)

## **Day3**

### **Easy:**

[Repeated Substring](#)

[Backspace String compare](#)

[Longest Common Prefix](#)

### **Medium:**

[Separate the numbers](#)

[Find All Anagrams](#)

[Split array to fibonacci seq](#)

### **Hard :**

[Minimum window substring](#)

[Learn KMP Algorithm](#) and [Rabin Karp](#)

### **APTITUDE:**

<https://www.indiabix.com/verbal-reasoning/blood-relation-test/>

<https://www.indiabix.com/verbal-reasoning/venn-diagrams/025001>