

Zoho interview questions

Round 2

1. Sort even digits in ascending order and odd digits in descending order.

Test case 1: Input: [1,2,3,4,5] Output: [2,4,5,3,1]	Test case 2: Input: [5,7,3,8,4,6] Output: [4,6,8,7,5,3]
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2. Number of coins required to make a given amount using coin denominations, also display how many coins of each denomination are used.

You are given 1,2,5,10,25,50,100 rupee coins

Test case 1: Input: 73 Output: 50 rupee coin(s): 1 10 rupee coin(s): 2 2 rupee coin(s): 1 1 rupee coin(s): 1 Total coins required: 5	Test case 2: Input: 289 Output: 100 rupee coin(s): 2 50 rupee coin(s): 1 25 rupee coin(s): 1 10 rupee coin(s): 1 2 rupee coin(s): 2 Total coins required: 7
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3. Sort positive and negative numbers. Positive numbers should occupy even positions, negative numbers at odd positions (positive at 0,2,4,... negative at 1,3,5,...)

Test case 1: Input: [-3,2,-1,5,-4,7] Output: [2, -4, 5, -3, 7, -1]	Test case 2: Input: [4,-9,8,-1,2,-7,-5] Output: [2, -9, 4, -7, 8, -5, -1]
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4. Haunted month

First day of the year and a month is given as input. Print haunted if the 13th day of the month is on a Thursday. Otherwise print not haunted.

Test case 1: Monday January Output: Not haunted	Test case 2: Friday February Output: Haunted
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5. Given two dates. Calculated the number of days between them

Test case 1: Input: 1 January 2024 1 January 2025 Output: 366	Test case 2: Input: 1 January 2025 1 January 2026 Output: 365
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6. Given a number, print all the numbers less than that which can be represented with 0,5,6

Test case 1: Input: 70 Output: 0 5 6 50 55 56 60 65 66	Test case 2: Input: 600 Output: 0 5 6 50 55 56 60 65 66 505 506 550 555 556 560 565 566
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