

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

<p>Test case 1:</p> <p>Input: 73</p> <p>Output:</p> <p>50 rupee coin(s): 1</p> <p>10 rupee coin(s): 2</p> <p>2 rupee coin(s): 1</p> <p>1 rupee coin(s): 1</p> <p>Total coins required: 5</p>	<p>Test case 2:</p> <p>Input: 289</p> <p>Output:</p> <p>100 rupee coin(s): 2</p> <p>50 rupee coin(s): 1</p> <p>25 rupee coin(s): 1</p> <p>10 rupee coin(s): 1</p> <p>2 rupee coin(s): 2</p> <p>Total coins required: 7</p>
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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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