5399. Form Largest Integer With Digits That Add up to Target

sions (/contest/biweekly-contest-26/problems/form-largest-integer-with-digits-that-add-up-to-target/submissions/)

ntest (/contest/biweekly-contest-26/)

Given an array of integers `cost` and an integer `target`. Return the **maximum** integer you can paint under the following rules:

- The cost of painting a digit (i+1) is given by `cost[i]` (0 indexed).
- The total cost used must be equal to `target`.
- Integer does not have digits 0.

Since the answer may be too large, return it as string.

If there is no way to paint any integer given the condition, return "0".

User Accepted:	189
User Tried:	402
Total Accepted:	193
Total Submissions:	610
Difficulty:	Hard

Example 1:

```
Input: cost = [4,3,2,5,6,7,2,5,5], target = 9
Output: "7772"
Explanation:  The cost to paint the digit '7' is 2, and the digit '2' is 3. Then cost("777
Digit    cost
  1  ->   4
  2  ->   3
  3  ->   2
  4  ->   5
  5  ->   6
  6  ->   7
  7  ->   2
  8  ->   5
  9  ->   5
```

Example 2:

```
Input: cost = [7,6,5,5,5,6,8,7,8], target = 12
Output: "85"
Explanation: The cost to paint the digit '8' is 7, and the digit '5' is 5. Then cost("85")
```

Example 3:

```
Input: cost = [2,4,6,2,4,6,4,4,4], target = 5
Output: "0"
Explanation: It's not possible to paint any integer with total cost equal to target.
```

Example 4:

```
Input: cost = [6,10,15,40,40,40,40,40,40], target = 47
Output: "32211"
```

Constraints:

- `cost.length == 9`
- `1 <= cost[i] <= 5000`
- `1 <= target <= 5000`

JavaScript

```
/**
 * @param {number[]} cost
 * @param {number} target
 * @return {string}
 */
var largestNumber = function(cost, target) {

};
```

Custom Testcase Use Example Testcases

Run Submit