# 3606. Coupon Code Validator

Solved

Easy 🔊 Topics 🥎 Hint

You are given three arrays of length in that describe the properties of in coupons: code, businessLine, and isActive. The ith coupon has:

- code[i]: a **string** representing the coupon identifier.
- businessLine[i]: a string denoting the business category of the coupon.
- [isActive[i]]: a **boolean** indicating whether the coupon is currently active.

A coupon is considered **valid** if all of the following conditions hold:

- 1. code[i] is non-empty and consists only of alphanumeric characters (a-z, A-Z, 0-9) and underscores (\_).
- 2. businessLine[i] is one of the following four categories: "electronics", "grocery", "pharmacy", "restaurant".
- 3. isActive[i] is true.

Return an array of the **codes** of all valid coupons, **sorted** first by their **businessLine** in the order: ["electronics", ["grocery", "pharmacy", "restaurant", and then by **code** in lexicographical (ascending) order within each category.

#### Example 1:

Input: code = ["SAVE20","","PHARMA5","SAVE@20"], businessLine = ["restaurant","grocery","pharmacy","restaurant"], isActive = [true,true,true]

Output: ["PHARMA5", "SAVE20"]

#### **Explanation:**

- First coupon is valid.
- Second coupon has empty code (invalid).
- Third coupon is valid.
- Fourth coupon has special character @ (invalid).

### Example 2:

**Input:** code = ["GROCERY15","ELECTRONICS\_50","DISCOUNT10"], businessLine = ["grocery","electronics","invalid"], isActive = [false,true,true]

Output: ["ELECTRONICS\_50"]

#### **Explanation:**

- First coupon is inactive (invalid).
- Second coupon is valid.
- Third coupon has invalid business line (invalid).

#### **Constraints:**

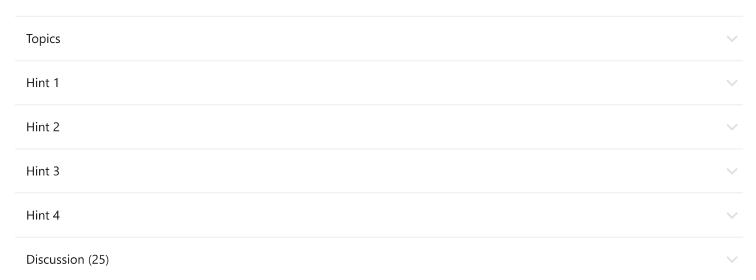
n == code.length == businessLine.length == isActive.length

- 1 <= n <= 100
- 0 <= code[i].length, businessLine[i].length <= 100
- code[i] and businessLine[i] consist of printable ASCII characters.
- isActive[i] is either true or false.

Seen this question in a real interview before? 1/5

Yes No

## Accepted 31.951/59.4K Acceptance Rate 53.8%



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