# 5942. Finding 3-Digit Even Numbers

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You are given an integer array `digits`, where each element is a digit. The array may contain duplicates.

You need to find **all** the **unique** integers that follow the given requirements:

- The integer consists of the **concatenation** of **three** elements from `digits` in **any** arbitrary order.
- The integer does not have **leading zeros**.
- The integer is **even**.

For example, if the given `digits` were `[1, 2, 3]`, integers `132` and `312` follow the requirements.

Return a **sorted** array of the unique integers.

| | |
|---|---|
| User Accepted: | 0 |
| User Tried: | 0 |
| Total Accepted: | 0 |
| Total Submissions: | 0 |
| Difficulty: | Easy |

**Example 1:**

```
Input: digits = [2,1,3,0]
Output: [102,120,130,132,210,230,302,310,312,320]
Explanation:
All the possible integers that follow the requirements are in the output array.
Notice that there are no odd integers or integers with leading zeros.
```

**Example 2:**

```
Input: digits = [2,2,8,8,2]
Output: [222,228,282,288,822,828,882]
Explanation:
The same digit can be used as many times as it appears in digits.
In this example, the digit 8 is used twice each time in 288, 828, and 882.
```

**Example 3:**

```
Input: digits = [3,7,5]
Output: []
Explanation:
No even integers can be formed using the given digits.
```

**Example 4:**

```
Input: digits = [0,2,0,0]
Output: [200]
Explanation:
The only valid integer that can be formed with three digits and no leading zeros is 200.
```

**Example 5:**

```
Input: digits = [0,0,0]
Output: []
Explanation:
All the integers that can be formed have leading zeros. Thus, there are no valid integers.
```

**Constraints:**

- `3 <= digits.length <= 100`
- `0 <= digits[i] <= 9`

JavaScript

```
1  /**
2   * @param {number[]} digits
3   * @return {number[]}
4   */
5  var findEvenNumbers = function(digits) {
6
7  };
```

☐ **Custom Testcase**    Use Example Testcases

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