**BÁO CÁO TUẦN 12**

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# Kiến thức đã học

## Một số thuật toán & phương pháp đã tìm hiểu

## Hoạt động luyện tập

### 2.1. Tạo Project TODO-LIST và kết nối với cơ sở dữ liệu trên PosgreSQL

* Tạo Entity User và generate Token sử dụng JWT.
* Yêu cầu xác thực JWT đến các endpoint

-Link [***Github***](https://github.com/myrdin44/todo-list4/tree/master)

### 2.2. Luyện tập Coding

* Luyện tập một số bài tập trên LeetCode.

Link [***Github***](https://github.com/myrdin44/trainDSA/)submit bài làm.

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| --- | --- | --- | --- | --- |
| STT | Link đề bài | Tên bài toán (Problem) | Số lần submit | Thời gian (p) |
| 1 | [**Link**](https://leetcode.com/problems/water-bottles/description/) | **Water Bottles** | **2** | **8** |
| 2 | [**Link**](https://leetcode.com/problems/reformat-date/description/) | **Reformat Date** | **2** | **10** |
| 3 | [**Link**](https://leetcode.com/problems/count-good-triplets/description/) | **Count Good Triplets** | **5** | **13** |
| 4 | [**Link**](https://leetcode.com/problems/path-crossing/description/) | **Path Crossing** | **4** | **15** |
| 5 | [**Link**](https://leetcode.com/problems/thousand-separator/description/) | **Thousand Separator** | **2** | **8** |
| 6 | [**Link**](https://leetcode.com/problems/sorting-the-sentence/description/) | **Sorting The Sentence** | **5** | **10** |
| 7 | [**Link**](https://leetcode.com/problems/number-of-students-doing-homework-at-a-given-time/description/) | **Number of Std Doin HW at A Given Time** | **1** | **5** |
| 8 | [**Link**](https://leetcode.com/problems/kids-with-the-greatest-number-of-candies/description/) | **Kids with The Greatest Number Of Candies** | **2** | **6** |
| 9 | [**Link**](https://leetcode.com/problems/make-two-arrays-equal-by-reversing-subarrays/description/) | **Make 2 Arrays Equal By Reversing Subarrays** | **2** | **10** |
| 10 | [**Link**](https://leetcode.com/problems/maximum-product-of-two-elements-in-an-array/description/) | **Maximum Product of 2 Elements in An Array** | **4** | **9** |
| 11 | [**Link**](https://leetcode.com/problems/count-odd-numbers-in-an-interval-range/description/) | **Count Odd Number In An Interval Range** | **1** | **4** |
| 12 | [**Link**](https://leetcode.com/problems/kth-missing-positive-number/description/) | **Kth Missing Positive Number** | **2** | **7** |
| 13 | [**Link**](https://leetcode.com/problems/matrix-diagonal-sum/description/) | **Matrix Diagonal Sum** | **2** | **10** |
| 14 | [**Link**](https://leetcode.com/problems/sum-of-all-odd-length-subarrays/description/) | **Sum Of All Odd Length Subarrays** | **4** | **12** |
| 15 | [**Link**](https://leetcode.com/problems/rearrange-spaces-between-words/description/) | **Rearrange Space Between Words** | **2** | **11** |
| 16 | [**Link**](https://leetcode.com/problems/can-make-arithmetic-progression-from-sequence/description/) | **Can Make Arithmetic Progression From Sequence** | **1** | **7** |
| 17 | [**Link**](https://leetcode.com/problems/sort-array-by-increasing-frequency/description/) | **Sort Array By Increasing Frequency** | **4** | **17** |
| 18 | [**Link**](https://leetcode.com/problems/richest-customer-wealth/description/) | **Richest Customer Wealth** | **2** | **13** |
| 19 | [**Link**](https://leetcode.com/problems/largest-odd-number-in-string/description/) | **Largest Odd Number In String** | **3** | **10** |
| 20 | [**Link**](https://leetcode.com/problems/check-if-all-the-integers-in-a-range-are-covered/description/) | **Check If All The Integers In A Range Are Covered** | **5** | **17** |
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