**BÁO CÁO TUẦN 13**

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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/valid-mountain-array/description/) | **Valid Mountain Array** | **4** | **8** |
| 2 | [**Link**](https://leetcode.com/problems/find-common-characters/description/) | **Find Common Characters** | **6** | **17** |
| 3 | [**Link**](https://leetcode.com/problems/backspace-string-compare/description/) | **Backspace String Compare** | **6** | **15** |
| 4 | [**Link**](https://leetcode.com/problems/buddy-strings/description/) | **Buddy String** | **3** | **12** |
| 5 | [**Link**](https://leetcode.com/problems/integer-to-english-words/description/) | **Integer To English Word** | **8** | **27** |
| 6 | [**Link**](https://leetcode.com/problems/count-primes/description/) | **Count Primes** | **2** | **12** |
| 7 | [**Link**](https://leetcode.com/problems/word-break/description/) | **Word Break** | **5** | **12** |
| 8 | [**Link**](https://leetcode.com/problems/largest-number/description/) | **Largest Number** | **3** | **10** |
| 9 | [**Link**](https://leetcode.com/problems/maximum-gap/description/) | **Maximum Gap** | **1** | **4** |
| 10 | [**Link**](https://leetcode.com/problems/reverse-words-in-a-string/description/) | **Reverse Words In A String** | **1** | **6** |
| 11 | [**Link**](https://leetcode.com/problems/second-largest-digit-in-a-string/description/) | **Second Largest Digit in A String** | **2** | **9** |
| 12 | [**Link**](https://leetcode.com/problems/replace-all-digits-with-characters/description/) | **Replace All Digit With Characters** | **3** | **10** |
| 13 | [**Link**](https://leetcode.com/problems/check-if-word-equals-summation-of-two-words/description/) | **Check If Word Equals Summation Of Two Words** | **4** | **15** |
| 14 | [**Link**](https://leetcode.com/problems/determine-whether-matrix-can-be-obtained-by-rotation/description/) | **Determine Whether Matrix Can Be Obtained By Rotation** | **6** | **13** |
| 15 | [**Link**](https://leetcode.com/problems/maximum-population-year/description/) | **Maximum Population Year** | **4** | **15** |
| 16 | [**Link**](https://leetcode.com/problems/decompress-run-length-encoded-list/description/) | **Decompress Run-Length Encoded List** | **2** | **7** |
| 17 | [**Link**](https://leetcode.com/problems/find-n-unique-integers-sum-up-to-zero/description/) | **Find N Unique Integer Sum Up To Zero** | **1** | **6** |
| 18 | [**Link**](https://leetcode.com/problems/number-of-steps-to-reduce-a-number-to-zero/description/) | **Number Of Steps to Reduce a Number To Zero** | **1** | **5** |
| 19 | [**Link**](https://leetcode.com/problems/remove-palindromic-subsequences/description/) | **Remove Palindrome Subsequences** | **2** | **9** |
| 20 | [**Link**](https://leetcode.com/problems/generate-a-string-with-characters-that-have-odd-counts/description/) | **Generate A String With Characters That Have Odd Counts** | **3** | **6** |
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