**BÁO CÁO TUẦN 9**

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# Kiến thức đã học

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

## Hoạt động luyện tập

* Tạo database lưu trữ trong PostgresSQL và kết nối với Springboot Application, test lại các CRUD API (tạo, thêm , sửa, xóa).
* Luyện tập một số bài tập trên HackerRank.

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/length-of-last-word/description/) | **Length of Last Word** | **2** | **6** |
| 2 | [**Link**](https://leetcode.com/problems/contains-duplicate/description/) | **Contains Duplicate** | **3** | **4** |
| 3 | [**Link**](https://leetcode.com/problems/invert-binary-tree/description/) | **Invert Binary Tree** | **2** | **8** |
| 4 | [**Link**](https://leetcode.com/problems/first-bad-version/description/) | **First Bad Version** | **1** | **8** |
| 5 | [**Link**](https://leetcode.com/problems/majority-element/description/) | **Majority Element** | **1** | **4** |
| 6 | [**Link**](https://leetcode.com/problems/intersection-of-two-arrays/description/) | **Intersection of Two Arrays** | **1** | **12** |
| 7 | [**Link**](https://leetcode.com/problems/missing-number/description/) | **Missing Number** | **1** | **7** |
| 8 | [**Link**](https://leetcode.com/problems/single-number/description/) | **Single Number** | **1** | **4** |
| 9 | [**Link**](https://leetcode.com/problems/single-number-ii/description/) | **Single Number II** | **3** | **10** |
| 10 | [**Link**](https://leetcode.com/problems/maximum-product-of-three-numbers/description/) | **Maximum Products of 3 Number** | **10** | **30** |
| 11 | [**Link**](https://leetcode.com/problems/word-pattern/description/) | **Word Pattern** | **3** | **12** |
| 12 | [**Link**](https://leetcode.com/problems/reverse-string/description/) | **Reverse String** | **1** | **6** |
| 13 | [**Link**](https://leetcode.com/problems/find-mode-in-binary-search-tree/description/) | **Find Mode in Binary Search Tree** | **1** | **17** |
| 14 | [**Link**](https://leetcode.com/problems/can-place-flowers/description/) | **Can Place Flowers** | **4** | **10** |
| 15 | [**Link**](https://leetcode.com/problems/array-partition/description/) | **Array Partition** | **1** | **7** |
| 16 | [**Link**](https://leetcode.com/problems/maximum-repeating-substring/description/) | **Maximum Repeating Substring** | **6** | **17** |
| 17 | [**Link**](https://leetcode.com/problems/remove-element/description/) | **Remove Element** | **4** | **9** |
| 18 | [**Link**](https://leetcode.com/problems/assign-cookies/description/) | **Assign Cookies** | **3** | **6** |
| 19 | [**Link**](https://leetcode.com/problems/move-zeroes/description/) | **Move Zeros** | **4** | **8** |
| 20 | [**Link**](https://leetcode.com/problems/contains-duplicate-ii/description/) | **Contains Duplicate II** | **4** | **18** |
| 21 | [**Link**](https://leetcode.com/problems/check-if-every-row-and-column-contains-all-numbers/description/) | **Check Rows and Colmuns** | **3** | **13** |
| 22 | [**Link**](https://leetcode.com/problems/largest-perimeter-triangle/description/) | **Largest Perimeter Triangle** | **3** | **5** |
| 23 | [**Link**](https://leetcode.com/problems/sort-array-by-parity/description/) | **Sort Array by Pairity** | **2** | **10** |
| 24 | [**Link**](https://leetcode.com/problems/valid-parentheses/description/) | **Valid Parentheses** | **1** | **9** |
| 25 | [**Link**](https://leetcode.com/problems/arranging-coins/description/) | **Arranging Coins** | **2** | **4** |
| 26 | [**Link**](https://leetcode.com/problems/valid-perfect-square/description/) | **Valid Perfect Square** | **1** | **3** |
| 27 | [**Link**](https://leetcode.com/problems/triangle/description/) | **Triangle** | **2** | **14** |
| 28 | [**Link**](https://leetcode.com/problems/is-subsequence/) | **Is Subsequence** | **2** | **7** |
| 29 | [**Link**](https://leetcode.com/problems/sum-of-left-leaves/description/) | **Sum of Left Leaves** | **3** | **10** |
| 30 | [**Link**](https://leetcode.com/problems/maximum-69-number/) | **Maximum 49 Number** | **2** | **7** |