**BÁO CÁO TUẦN 10**

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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

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

### 2.2. Luyện tập Coding

* 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/maximum-69-number/description/) | **Maximum 69 Numbers** | **2** | **7** |
| 2 | [**Link**](https://leetcode.com/problems/counting-words-with-a-given-prefix/description/) | **Counting Words With Given Prefix** | **5** | **13** |
| 3 | [**Link**](https://leetcode.com/problems/find-greatest-common-divisor-of-array/description/) | **Find Greatest Common Divisor** | **1** | **8** |
| 4 | [**Link**](https://leetcode.com/problems/valid-boomerang/description/) | **Valid Boomerang** | **5** | **10** |
| 5 | [**Link**](https://leetcode.com/problems/base-7/description/) | **Base 7** | **2** | **10** |
| 6 | [**Link**](https://leetcode.com/problems/perfect-number/description/) | **Perfect Number** | **2** | **4** |
| 7 | [**Link**](https://leetcode.com/problems/second-minimum-node-in-a-binary-tree/description/) | **Second Minimum Node In BST** | **5** | **15** |
| 8 | [**Link**](https://leetcode.com/problems/degree-of-an-array/description/) | **Degree of An Array** | **2** | **13** |
| 9 | [**Link**](https://leetcode.com/problems/binary-search/description/) | **BST** | **2** | **6** |
| 10 | [**Link**](https://leetcode.com/problems/teemo-attacking/description/) | **Teemo Attacking** | **3** | **18** |
| 11 | [**Link**](https://leetcode.com/problems/number-complement/description/) | **Number of Complement** | **2** | **7** |
| 12 | [**Link**](https://leetcode.com/problems/hamming-distance/description/) | **Hamming Distance** | **6** | **12** |
| 13 | [**Link**](https://leetcode.com/problems/island-perimeter/description/) | **Island Perimeter** | **8** | **26** |
| 14 | [**Link**](https://leetcode.com/problems/to-lower-case/descripti) | **To LowerCase** | **1** | **1** |
| 15 | [**Link**](https://leetcode.com/problems/construct-the-rectangle/description/) | **Construct The Reactangle** | **2** | **10** |
| 16 | [**Link**](https://leetcode.com/problems/rotate-string/description/) | **Rotate String** | **4** | **7** |
| 17 | [**Link**](https://leetcode.com/problems/shortest-distance-to-a-character/description/) | **Shortest Distance to A Character** | **8** | **22** |
| 18 | [**Link**](https://leetcode.com/problems/transpose-matrix/description/) | **Transposed Matrix** | **1** | **6** |
| 19 | [**Link**](https://leetcode.com/problems/unique-email-addresses/description/) | **Unique Email Address** | **5** | **15** |
| 20 | [**Link**](https://leetcode.com/problems/day-of-the-year/description/) | **Day Of The Year** | **7** | **18** |
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