
Sprint #1:

LoveCoding OJ

Team #43:

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Outline

- Vision
 - Design
 - Approach
 - Progress
 - Plan
 - References
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Vision

- An online judging platform
- Algorithm problems
- Algorithm competitions

LeetCode OJ Problems Pick One! Submissions Discuss Book Articles XinyueChen

Welcome, XinyueChen! You have solved 174 / 181 problems.

Search Problems

#	Title	Acceptance	Difficulty
191	Number of 1 Bits	36.6%	Easy
190	Reverse Bits	27.2%	Easy
189	Rotate Array	17.4%	Easy
188	Best Time to Buy and Sell Stock IV	15.5%	Hard
187	Repeated DNA Sequences	18.4%	Medium
186	Reverse Words in a String II	31.2%	Medium
179	Largest Number	15.4%	Medium
✓ 174	Dungeon Game	17.3%	Hard
✓ 173	Binary Search Tree Iterator	28.9%	Medium
✓ 172	Factorial Trailing Zeros	27.5%	Easy
✓ 171	Excel Sheet Column Number	36.9%	Easy
✓ 170	Two Sum III - Data structure design	24.9%	Easy
✓ 169	Majority Element	34.5%	Easy
✓ 168	Excel Sheet Column Title	17.7%	Easy

Top 10 Popular

1. Read N Characters Given Read4 II - Call multiple times
2. Two Sum III - Data structure design
3. Read N Characters Given Read4
4. Department Top Three Salaries
5. LRU Cache
6. Rank Scores
7. Valid Number
8. Copy List with Random Pointer
9. Median of Two Sorted Arrays
10. Search in Rotated Sorted Array II

CODEFORCES^β
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HOME CONTESTS CTRM PROBLEMSSET GROUPS RATING API HELP BAYAN 2015 RCC VK CUP 2015 5 YEARS!

Current or upcoming contests

Name	Start	Duration		
Codeforces Round #297 (Div. 2)	Mar/26/2015 19:30	02:00	Before start 01:00:23	Registered: 14502 Until closing 00:55:23
VK Cup 2015 - Wild Card Round 1	Mar/26/2015 20:00	02:30	Before start 2 days	Before registration 29:30:22
Zenith Code Rush 2015	Apr/04/2015 19:30	02:30	Before start 9 days	Before registration 6 days

Pay attention

Registration is running
Codeforces Round #297 (Div. 2)
00:55:23
Register now

14502 people like this. Be the first of your friends.

Recent virt. contests

Contest	Time
Codeforces Round #288 (Div. 2)	Jan/31/2015 21:15
Codeforces Round #207 (Div. 2)	Oct/21/2013 18:15

Contest history

Past contests

Name	Start	Duration		
VK Cup 2015 - Round 1 (unofficial online mirror, Div. 1 only)	Mar/21/2015	02:00	Final standings	14512
Codeforces Round #296 (Div. 2)	Mar/17/2015	02:00	Final standings	14503
Codeforces Round #296 (Div. 1)	Mar/17/2015	02:00	Final standings	14502
VK Cup 2015 - Qualification Round 2	Mar/14/2015	1:00:00	Final standings	14230
VK Cup 2015 - Qualification Round 1	Mar/07/2015	1:00:00	Final standings	14170

Design

- Account Management
 - Login, register, profile
 - Ranking, history
 - Problem Management
 - Upload and display
 - Rich feature code editor
 - Sandbox evaluation
 - Competition Management
-

Approach

- Web framework: Django
 - Cloud Deployment: AWS
 - Code editor: CodeMirror
 - Sandbox: pysandbox
-

Progress

- Account Management

Online Judge is ...

Please sign in:

Username: XinyueChen

Password: ...

Login

Sign up

Please sign up here:

Firstname:

Lastname:

Username:

Email:

Password:

Confirm password:

Register

Cancel

Edit Your Profile:

School:

Website:

Photo:

Choose File

No file chosen

Bio:

Confirm

Cancel

Progress

● Problem Management

Problems...

Problem ID	Problem Title
1	证明用冒泡的想法就好了
2	Repeated DNA Sequences

Problem 2: Repeated DNA Sequences

Problem Description:

All DNA is composed of a series of nucleotides abbreviated as A, C, G, and T, for example: "ACGAATTCCG". When studying DNA, it is sometimes useful to identify repeated sequences within the DNA.

Write a function to find all the 10-letter-long sequences (substrings) that occur more than once in a DNA molecule.

Your Code here:

```
1
```

Progress

- pysandbox

```
ubuntu@ip-172-31-42-239:~/sandbox$ python sample2.py sandbox_sample
result: RF
cpu: 0ms
mem: 308kB
compare with right result:
compare with wrong result:
1c1
< Hello World
\ No newline at end of file
---
> Hello Obama
```


Plan

- Sprint #2
 - All basic features
 - problem evaluation
 - competition
 - discussion
 - Final
 - UI improvement
 - Concurrency concern
-

References

- Django: <https://www.djangoproject.com/>
 - Bootstrap: <http://getbootstrap.com/>
 - CodeMirror: <https://codemirror.net/>
 - Pysandbox: <https://github.com/openjudge/sandbox>
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