Castlebrooke Computer Science Club

Purpose

- To educate and enrich students on the fundamentals of computer science and programming.
- Help students succeed in the Junior and Senior Canadian Computing Competition.

Code: []

Why?

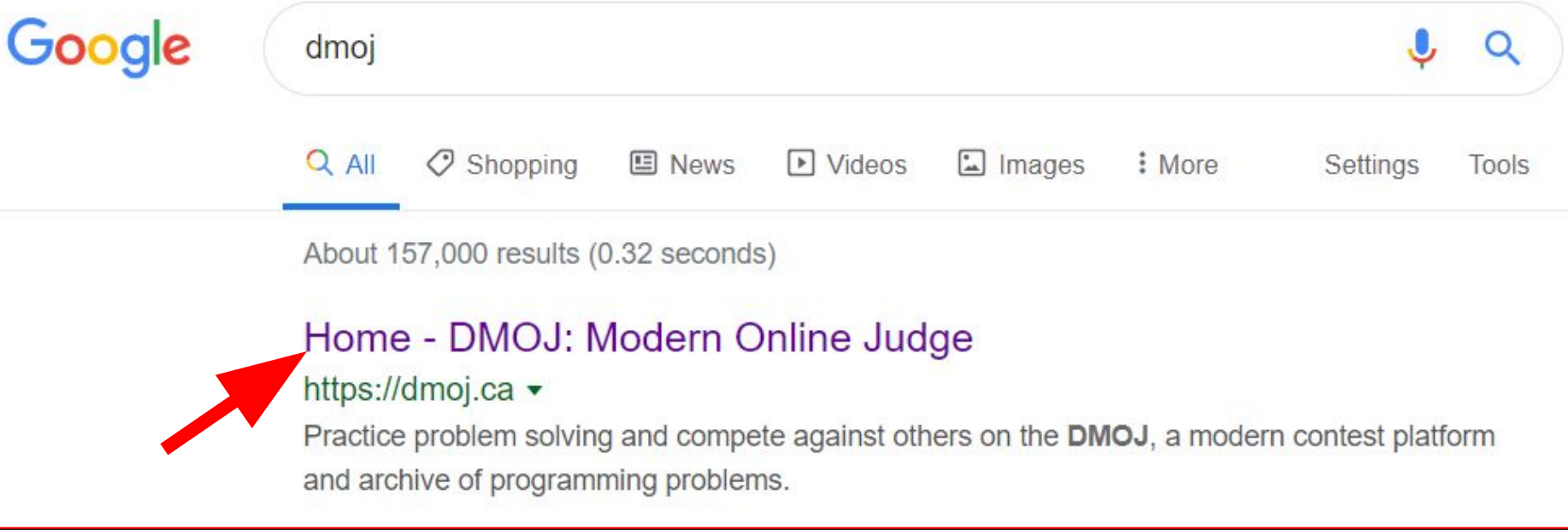
- More of the world is becoming more involved with programming everyday, students should learn programming for their futures.
- open up other job opportunities for students.
- boost problem solving and logic skills that students can use throughout their future career

Plan

- Meetings after-school every Thursday
- 3:20 - 4:00 PM
- Every week we will assign a coding question or teach a certain topic
- Students will work on the problem during the meeting
- Students can also ask for help
- We will solve and explain the solution to the problems the following week
- Late in the year, we will have the students work in teams and begin their own creative projects
- Occasionally, we will also have mock senior CCC examinations.

How?

- We will be using DMOJ which is a Online Judge which hosts past programming problems from CCC, CCO.
- Students can hand in CCC Problems ranging from J1-S5 and receive a mark based on their code.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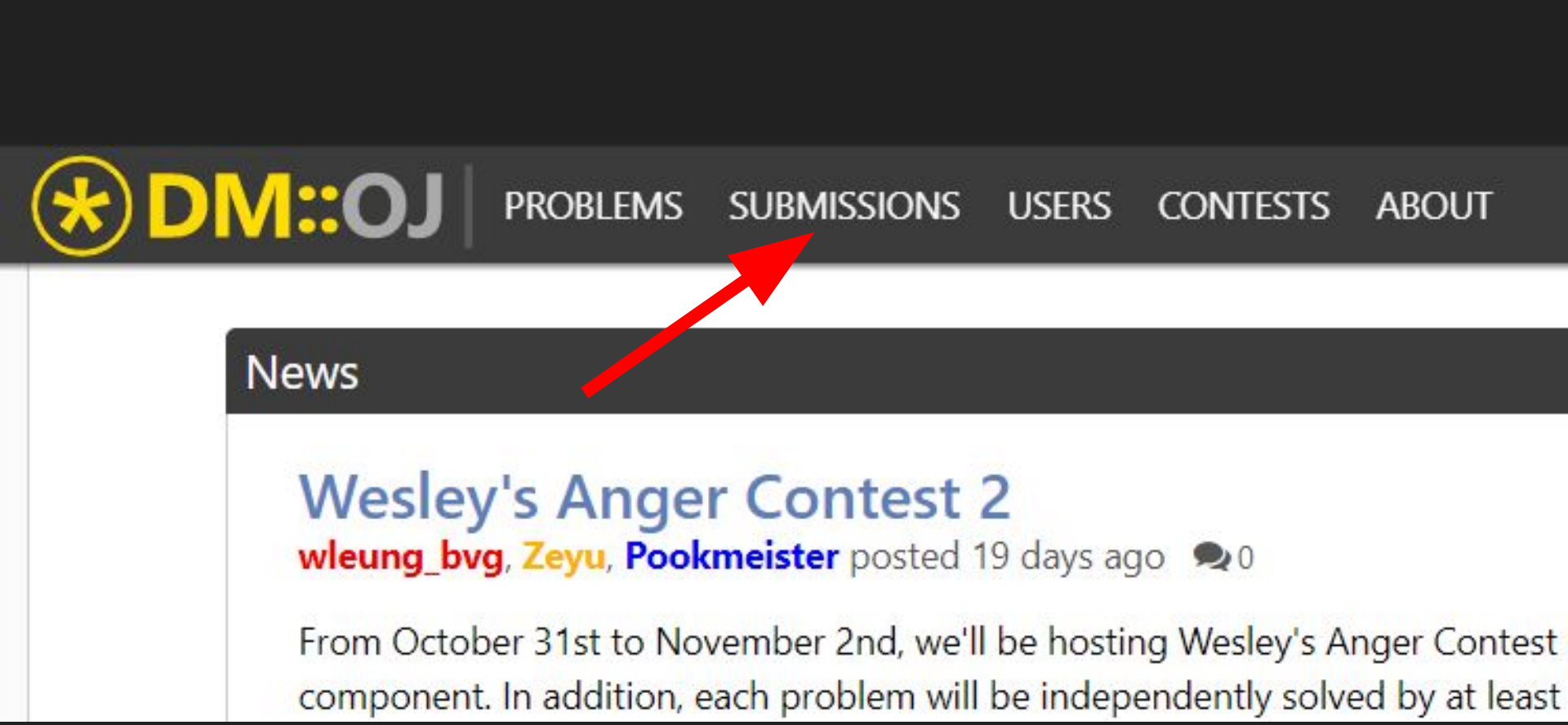
About 157,000 results (0.32 seconds)
Home - DMOJ: Modern Online Judge
https://dmoj.ca
Practice problem solving and compete against others on the DMOJ, a modern contest platform and archive of programming problems.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PROBLEMS
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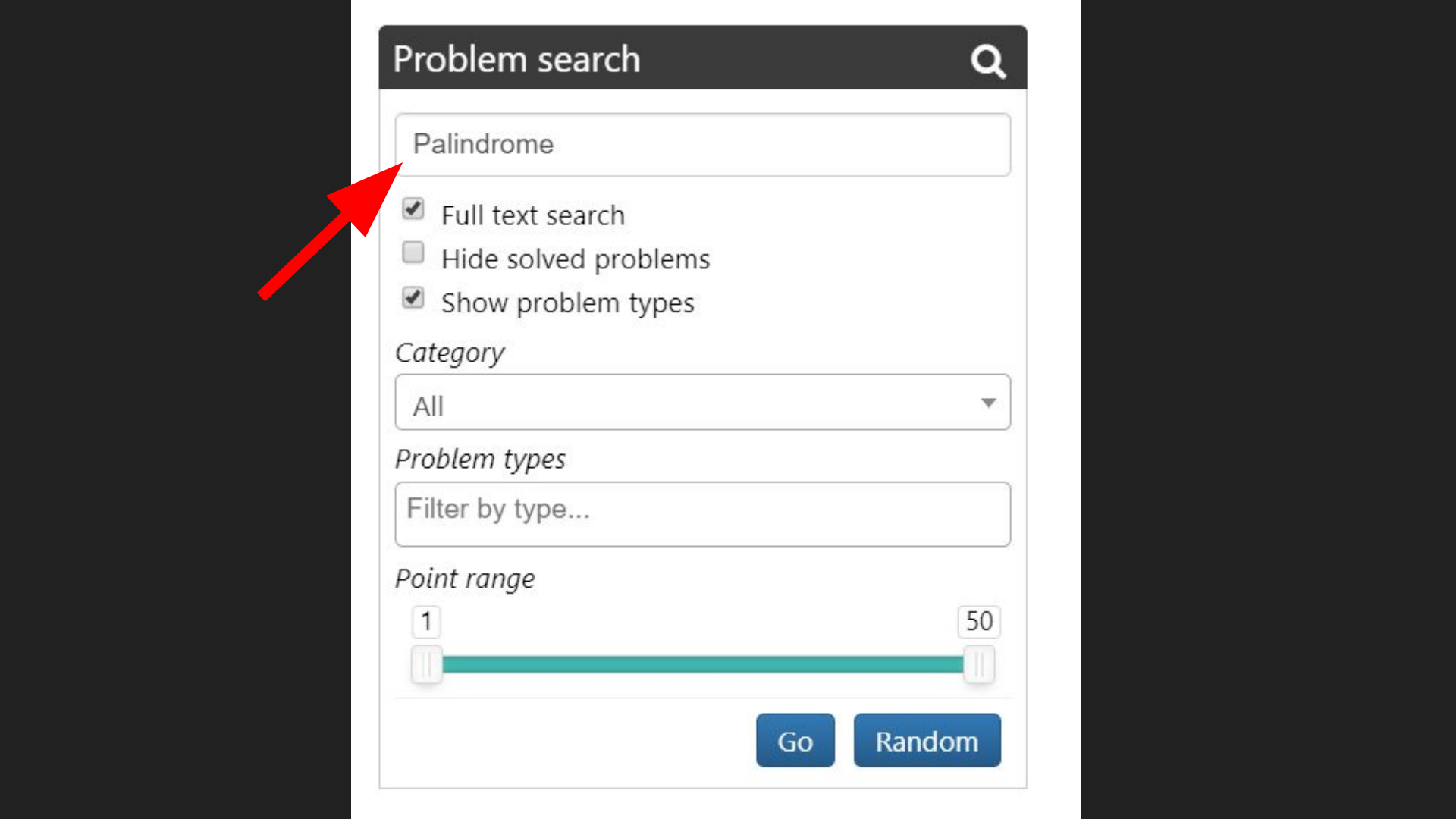
News
Wesley's Anger Contest 2
wleung_bvg, Zeyu, Pookmeister posted 19 days ago 0
From October 31st to November 2nd, we'll be hosting Wesley's Anger Contest
component. In addition, each problem will be independently solved by at least


Problem search
Palindrome
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Category
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Point range
1
50
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CCC '16 J3 - Hidden Palindrome

View as PDF

A *palindrome* is a word which is the same when read forwards as it is when read backwards. For example, `mom` and `anna` are two palindromes.

A word which has just one letter, such as `a`, is also a palindrome.

Given a word, what is the longest palindrome that is contained in the word? That is, what is the longest palindrome that we can obtain, if we are allowed to delete characters from the beginning and/or the end of the string?

Input Specification

The input will consist of one line, containing a sequence of at least 1 and at most 40 lowercase letters.

Output Specification

Output the total number of letters of the longest palindrome contained in the input word.

Submit solution

My submissions
All submissions
Best submissions

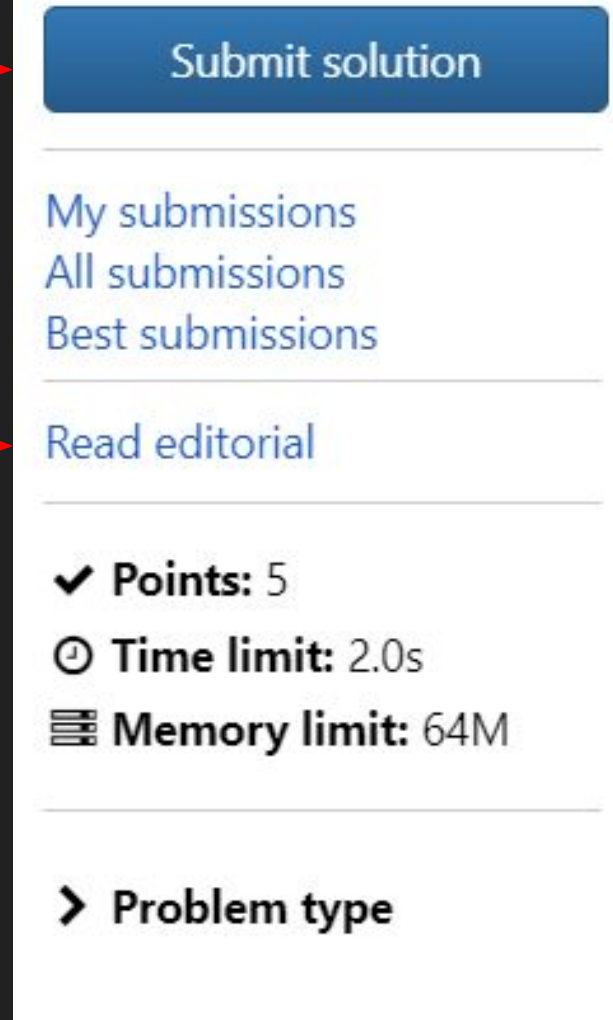
Read editorial

Points: 5
Time limit: 2.0s
Memory limit: 64M

Problem type

Submit Code

Tutorial / Answer



Summary

- Join Google Classroom code
- Follow @castlebrooke.cs for updates
- Make your DMOJ account
- Meetings every Thursday 3:20 - 4:00 PM