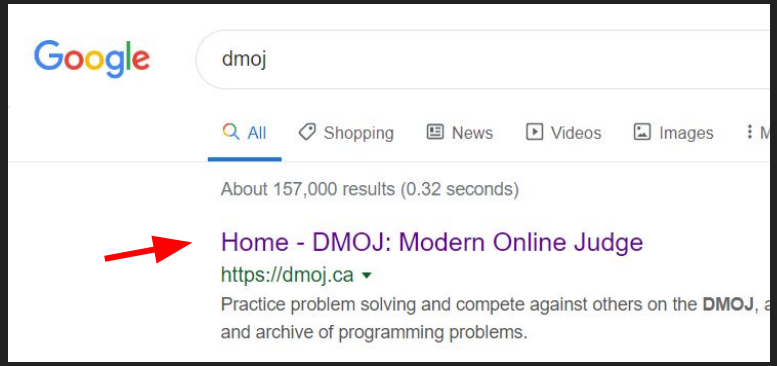
Day

1.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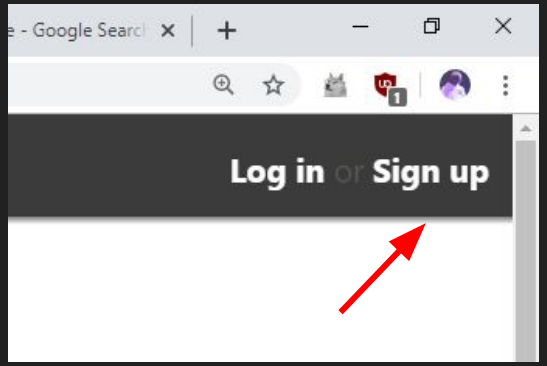
https://dmoj.ca
Practice problem solving and compete against others on the DMOJ,
and archive of programming problems.

2.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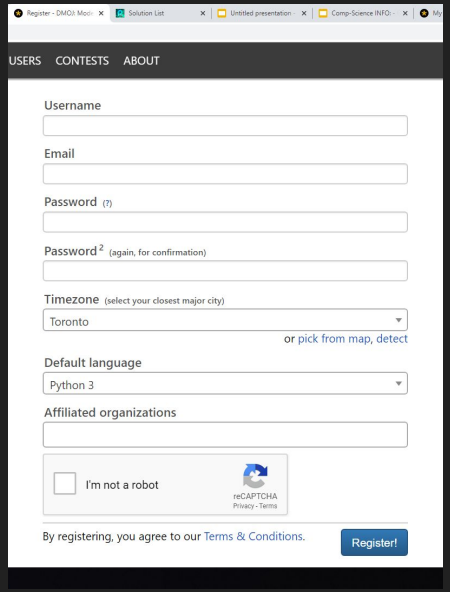
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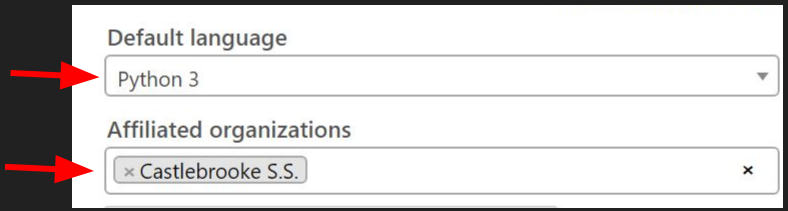
4.


Default language
Python 3
Affiliated organizations
Castlebrooke S.S.

Gr11:

CCC 2017 J2 - Shifty Sum

- Just simple while loop with a counter

Gr12:

CCC 2019 S2 - Pretty Average Primes

- Uses Sieve of Eratosthenes.
- Some basic loops and simple math

- You all have 30 minutes timer to complete each question
- If you need help or don't understand something, raise your hand up!
- It's fine if you can't get the solution in time, this is for practice

Pseudo Code for J2 Shifty Sum

1. Take inputs (number and shift value)
2. Create counter = 0
3. Create result variable to store the answer result = 0
4. Loop from 0 to shift value+1 (Since we want to shift n by k amounts)
    a. result += (number * 10^counter) $(12*10^0)$ + $(12*10^1)$ + $(12*10^2)$ …

Print out result

Remember: that the range function starts at 0, and goes to n-1

For example range(5) = 0,1,2,3,4