Practicals

Last workshop!?!? :(



TOC

- 1. Contest day timeline
- 2. Getting around School of ICT and Labs
- 3. Familiarization with contest platform
- 4. Attempt practice questions
- 5. Closing

Contest day timeline

Time	Activity	Location
10:00 – 10:50	Welcome ceremony	31-05-03
11:00 – 13:15	Contest part 1	31-05-10/12
13:15 – 14:15	Lunch	Level 1
14:30 – 16:45	Contest part 2	31-05-10/12
17:30 – 18:00	Prize presentation and closing	31-05-03

School of ICT and Labs

- Welcome to the School of ICT!
- On contest day,
 - ∘Reporting venue is 31-05-03
 - Contest will be held in the 31-05-10 and 31-05-12 labs
- Desktop computers provided for the contest
 - Please do not bring your own laptops!

School of ICT and Labs

If required, connect to the WiFi

SSID: PIOI

Password: P101isfun

School of ICT and Labs

- Rules and regulations.. For today
 - •Do not install additional software on the computers
 - •Do not add files on the computers

Contest Platform

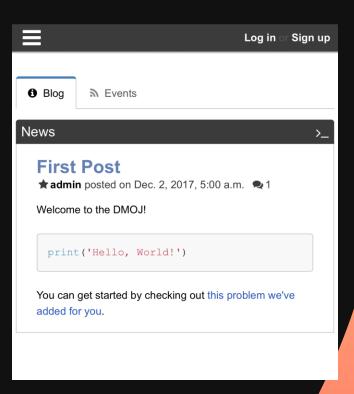
The Contest ™

- Questions are provided through platform
 - No hard copy provided for eco friendliness!
- Pen and paper will be provided if requested
- 2 sessions for 2 hours each
- The contest platform is available at
 - https://pioi-contest.np-overflow.club

Platform

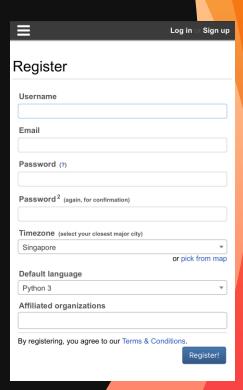
Powered by DMOJ

https://dmoj.ca



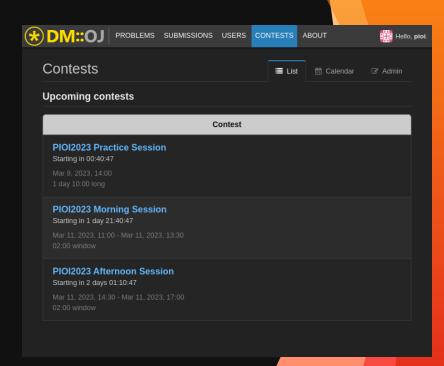
Platform – Account management

- 1. Create an account using the email you signed up with
- 2. An email verification will be sent
- 3. Accept the verification



Platform - Contests

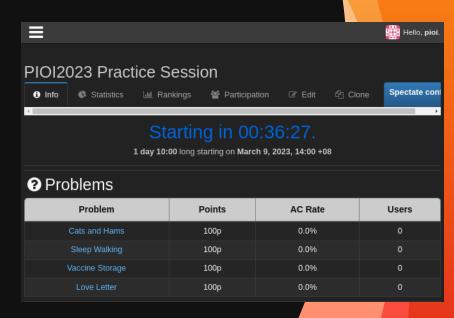
- Contests are viewable from contests tab
- We will attempt PIOI2023 Practice Session today!
- On contest day, once
 you <u>JOIN</u> the contest, the 2-hour
 countdown will start



Platform – Problems

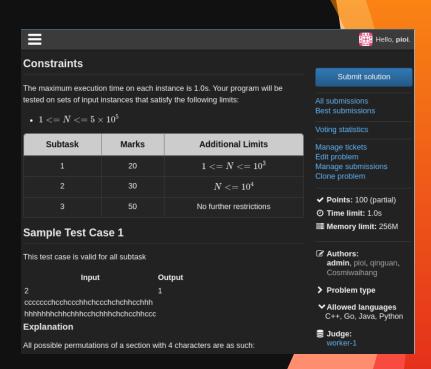
- Within the contest, problems + their respective points are shown
- Each question comprises multiple subtasks
 which totals to 100 points
- Click on a problem to view its contents

AC Rate = Accepted Answer Rate



Platform - Grading

- Subtask points are shown in the problem
- Time + memory limits can also be viewed in the sidebar



Platform - Grading

- Problem grading follows the IOI format
- Max score for each subtask across all submissions
- Total points for problem: 40p

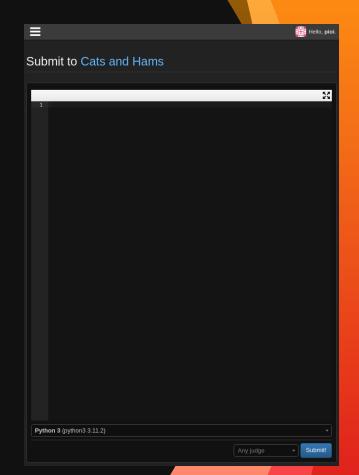
Submission	Subtask	Points
1	1	10p
1	2	20p
2	1	10p
2	2	30p

Platform – Submissions

- Preinstalled software installed on computer:
 - ∘Java
 - ∘Go
 - ∘Cygwin G++
 - ∘Python 3
 - ∘ VSCode
 - •IntelliJ Community Edition
 - PyCharm Community Edition

Platform – Submissions

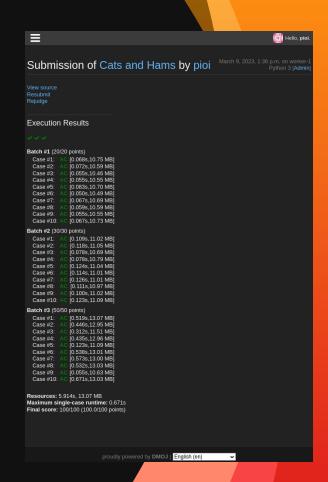
- When submitting a solution, only 1 file is allowed
- Language must be selected from dropdown at the bottom



Platform - Submissions

Status codes:

Status Code	Description
AC	Accepted Answer
WA	Wrong Answer
IR	Invalid Return
RTE	Runtime Error
OLE	Output Limit Reached
MLE	Memory Limit Reached
TLE	Time Limit Reached
IE	Internal Error (contact admins)



Practice questions

- Practice makes perfect!
- Attempt the questions in PIOI2023 Practice Session
- Check that the computers are configured correctly
 - •Ensure you can use the software
 - •Ensure you do not have network issues
 - Ensure you can submit solutions to the contest platform
- Please sound out if you experience issues!

Practice questions

Practice questions

- Practice makes perfect!
- Attempt the questions in PIOI2023 Practice Session
- Check that the computers are configured correctly
 - •Ensure you can use the software
 - •Ensure you do not have network issues
 - Ensure you can submit solutions to the contest platform
- Please sound out if you have questions!

Closing

Closing

- Solutions to the practice questions are available on the platform
- On Saturday
 - •Reporting venue: 31-05-03
 - •Reporting time: 10AM
 - Things to bring: Pen/pencil (optional)
- Have a good rest and see y'all on Saturday!

Thank you!

See you on Saturday:D

PIOI Feedback - Day 4

