

INFORMATION

Date 15 October 2022 (Saturday)
Time 14:00 - 17:00 (3 hours)
Venue TWGSS CAL (A203 - A204)

Without prior approval, contestants are required to arrive **15 minutes before the contest start time** (i.e. 13:45), last comers might be disqualified or a score penalty might be given. No extra time will be given to last comers.

GENERAL

- **2022/23 Team Formation Test** aims to provide major reference for coach and team leaders to nominate students to the HKOI 2022/23 competition.
- All OI Team members should participate the contest, students who are not in the OI Team could join if invitations are given to them.
- Students who have attained HKOI awards (Gold Medal, Silver Medal, Bronze Medal or Honourable Mention) before are deemed qualified and not required to join the contest.

FORMAT

- Contestants would take a practical test.
- The paper would consist of several programming tasks. Each task may carry different points. Each task may be further divided into subtasks. Each subtask may carry different points.
- The whole paper will be in English.
- The duration will be 3 hours.
- If a certain contestant is not able to attend the contest at the given time and/or venue, his/her situation should be reported to coach or team leaders. Special arrangements (including online invigilation at a different time and/or venue) would be provided to him/her.

SUBMISSION

- Contestants should submit their solution source codes through TWGSS Online Judge (<https://judge.twgss.org>). The system would automatically compile the source codes submitted by contestants, then test the compiled programs using a set of data unknown to the contestants.
- Unless specified in the problem, in order to score points for a subtask (problem, if no subtasks in it), contestants' programs must be correct for all test cases in that subtask (problem).
- Contestants will receive feedback about their submissions, including type of error first encountered (if any) for each subtask or problem. A contestant's final score will be the sum of points received from solved or partially-solved subtasks or problems.
- Contestants may submit at most once per task per 60 seconds, and at most 50 times per task.

PROGRAMMING

- Contestants should answer in C++20.
- Contestants might answer in Python 3.8.10. It is not guaranteed that the problems are solvable using this language.
- Students might use HKOI Online Judge "Code" feature, Visual Studio Code or Replit as development software.

RESULT

- Contestants having higher total scores should have higher ranks.
- If two contestants having the same score, they will have the same rank.

OTHER

- During contest, contestants are allowed to seek clarification on the wordings of the problems by raising hands. Should the condition deem necessary, the clarifications will be announced to all contestants. Clarification related to the solutions will not be entertained.
- Student might refer to offline version of cppreference.com (<https://en.cppreference.com/w/Cppreference:Archives>) during contest.
- TWGSS OI Team coach and team leaders have the final right to explain and alter the above rules.

HKOI Rules is a major reference of this rule. Credits should be given to the HKOI Organizing Committee.