

GENERAL

- The **2025/26 Inter-house Coding Competition** is part of the overall 2025/26 Inter-house Competition, which aims to test coding skills of members from each house.
- Each house should nominate a team of students of their house to participate in this competition.
- Overall house score of the year would be added depending on the ranking in this competition:

Rank	1	2	3	4
Overall Score Added	20	15	12	10

FORMAT

- Participants will take part in a practical team competition.
- A team should consist of no more than 4 members.
- Each team is allowed to use 2 computers for viewing the paper, coding, submitting solutions and other permitted activities.
- Each team will receive 4 printed copies of the paper. The paper will also be available on TWGSS Online Judge.
- The paper will consist of several programming problems. Each problem is divided into subtasks. Each subtask may carry different points.
- The paper will be in English only.
- The competition duration will be 4 hours.
- Communication within each team is allowed, while communication between different teams is strictly prohibited.

SYLLABUS

- The syllabus of the competition will be the same as that of the HKOI Senior Group (<https://hkoi.org/competition-syllabus>).
- The syllabus serves as a guide only. If deemed appropriate, problems may involve content that is out of scope.

CODING

- Participants should answer in C++20.
- For some selected problems, participants might answer in other languages provided on TWGSS Online Judge, including Python 3.8.10. However, it is not guaranteed that the problems are solvable using those languages.
- Participants may use any appropriate development software, including but not limited to the built-in code feature in TWGSS Online Judge, HKOI Online Judge “Code” feature and Visual Studio Code (excluding any extensions and features that would give unfair advantages).

SUBMISSIONS

- Participants should submit their solution source code through TWGSS Online Judge (<https://judge.twgss.org>). The system will automatically compile the submitted source code and test the compiled programs using a set of data unknown to the participants.
- Unless specified in the problem, in order to score points for a subtask, participants’ programs must be correct for all test cases in that subtask.
- Participants will receive feedback on their submissions, including the type of error first encountered (if any) for each subtask or problem.
- A team may submit at most once per problem every 60 seconds, and at most 50 times per problem.

RESULTS

- A team's final score will be the sum of points received from all solved or partially solved subtasks. The highest score achieved in each subtask will be counted toward the final score; those scores are not necessarily from the same submission.
- Scores may be deducted from a team's final score as a penalty for the violation of rules.
- Teams with higher final scores will be ranked higher.
- If two or more teams have the same score, they will share the same rank.
- A live scoreboard showing the total score and the scores for each problem for each team will be available during the first 2 hours of the competition. The scoreboard will then be frozen until the end of the competition.

REFERENCES

- Participants may refer to cppreference.com during the competition.
- Participants may use any appropriate offline software that can be found on the computers, including but not limited to Calculator, Microsoft Excel and Microsoft Paint. However, requests regarding the lack of certain offline software may not be entertained. A software is deemed inappropriate if unfair advantages are gained by using it in solving problems.
- Participants are not allowed to use any other resources, including but not limited to C++ Foundation Course slides, pre-written code and online search results.
- The use of any AI software is strictly prohibited during the competition.

OTHERS

- During the competition, participants are allowed to seek clarification on the wording of the problems. If deemed necessary, the clarifications will be announced to all participants. Clarifications related to the solutions would not be entertained.
- Draft papers will be provided on request.
- Time adjustments, rejudging of submissions and changes to problem statements may be announced any time before, during, or after the competition prior to the announcement of final results.
- Participants are not allowed to use other computers and electronic devices such as mobile phones and calculators for any purpose, including calculation, visualisation, gaming, or any other non-coding activities.

The organisers of the competition reserve the final right to interpret and amend the above rules.