

Key dates and times

Entries close:

Friday 22 August 2025

AIO competition day:

Thursday 28 August 2025

AIO embargo date:

Tuesday 2 September 2025

The competition is open between 8 am and 5 pm AET.

AIO format

The AIO is a 3-hour online exam. There are six problems of increasing difficulty, each worth 100 points. Each problem contains several subtasks.

Submissions must be in one of the following languages

- C11 (C language, 2011 standard)
- C++11 (C++ language, C++11 standard)
- Java 11
- Python 3 (3.10)

Preparing for the competition

Because of the technical nature of the competition, the AIO has specific rules and requirements additional to those of other AMT competitions. It is important that both teachers and students are aware of the requirements outlined in the [AIO Student Instruction Sheet](#) and [AIO Rules and Requirements](#). Students should be provided with copies of both documents prior to competition day.

Please note that from 2025 the AIO will be delivered via the AMT's [AMT student competition portal](#). This means that all problems will be accessible via the student interface. Teachers will also have the option of providing a hard copy of the paper which can be accessed via the Documents Tab in the [Admin Portal](#) to download and print from 12 pm the day before the competition. Under no circumstances are papers to be provided to students before the competition.

Before the competition supervisors need to access usernames and passwords via the [Admin Portal](#) and provide them to students. Information on how to run an online competition, including system requirements and testing, can be found in the [Competition Handbook](#).

During the competition

Supervisors should:

- ensure students adhere to the competition rules. This includes ensuring students do not use any AI tools, including any AI tools built into their text editors (e.g. copilot in VSCode)
- assist with technical matters only (how to access the competition portal, how much time is left)
- not assist students with programming related questions (why is my code crashing?)

Supervisors may wish to give time warnings 15 and 5 minutes before the end of the competition to ensure students submit their code before the time limit.

After the competition

Papers must be collected and not returned or distributed until the embargo date of Tuesday 2 September 2025. Students must not discuss the problems in public forums/discussions until the embargo date. When the results are finalised by the judges, students will be able to log back into the contest system to see their final scores.

Email: competitions@amt.edu.au

Phone: (02) 6201 5136

Administration portal: <https://competitions.amt.edu.au/admin/>

Student competition portal: <https://competitions.amt.edu.au/>

Postal: AIO Competitions Team

Australian Maths Trust

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