



IOAA

MANUAL BOOK

FOR PARTICIPANT

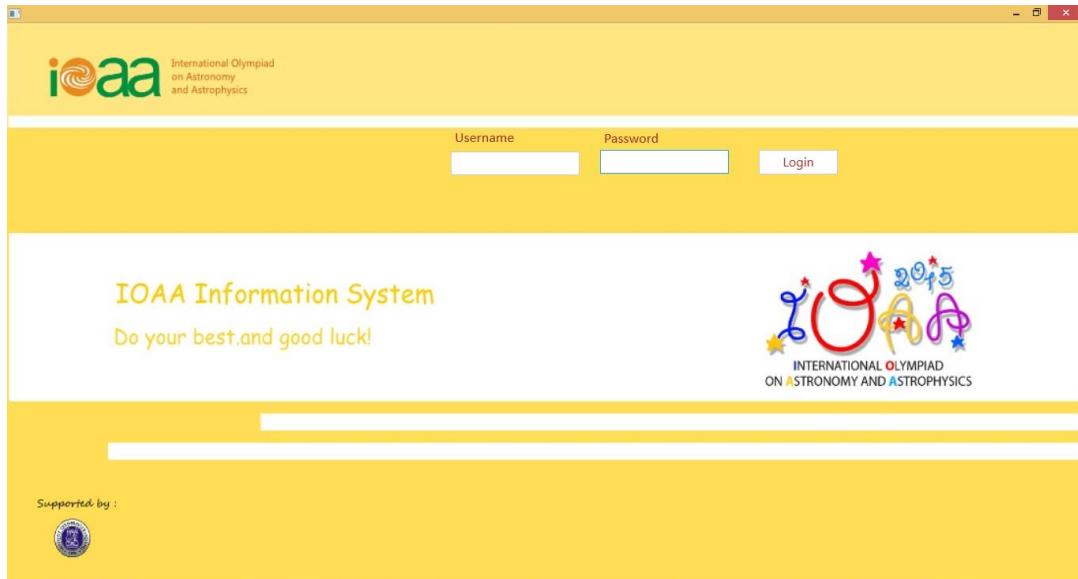


IT STAFF
IOAA INFORMATION SYSTEM

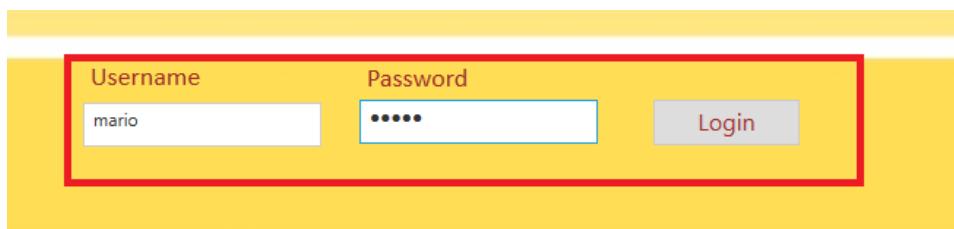
Table of Contents

1.	LOGIN	2
2.	GENERAL RULE	2
3.	MENUS	3
3.1	List Constants	3
3.2	Questions	3
3.3	Change Password	9
4.	MENUS IN THE TOP RIGHT CORNER	10
4.1	Setting	10
4.2	Logout	10

1. LOGIN

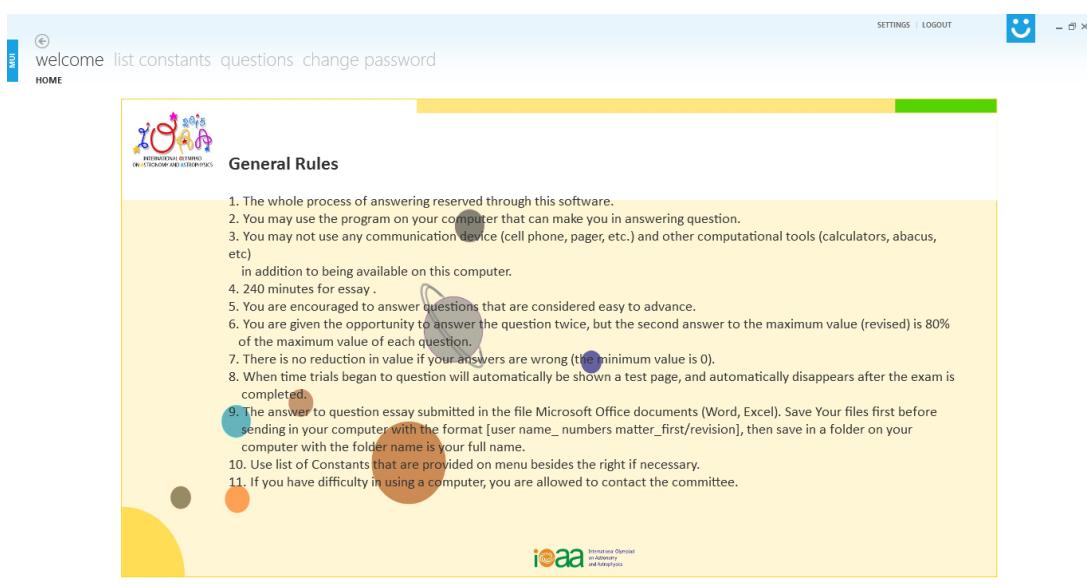


Fill your username and password which have given the committee, then click Login button.



2. GENERAL RULE

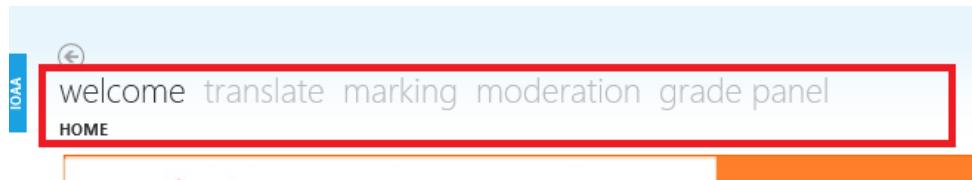
If the login successful, General Rule page will appear. This page contains the provisions made for the team leader like the picture below:



Please read them carefully.

3. MENUS

If you see to the top left corner, you will find some menus. See the picture below:



We will explain the function of each menus for you:

3.1 List Constants

welcome list constants questions change password

This page contains the reference of constants.

A screenshot of a page titled 'Astronomical Constants' and 'Physical Constants'. The 'Astronomical Constants' table has 11 rows with columns for 'Quantity' and 'Value'. The 'Physical Constants' table has 3 rows with columns for 'Quantity' and 'Value'.

Quantity	Value
astronomical unit (A.U.)	149,597,870.691 kilometers
light year (ly)	$9.460536207 \times 10^{12}$ km = 63,240 A.U.
parsec (pc)	$3.08567802 \times 10^{13}$ km = 206,265 A.U.
sidereal year	365.2564 days
tropical year	365.2422 days
Gregorian year	365.2425 days
Earth mass	5.9736×10^{24} kilograms
Sun mass	1.9891×10^{30} kg = 332,980 × Earth
mean Earth radius	6,371 kilometers
Sun radius	6.96265×10^5 km = 109 × Earth
Sun luminosity	3.827×10^{26} watts

Quantity	Value
speed of light (c)	299,792,458 kilometers/second
gravitational constant (G)	6.6726×10^{-11} m ³ / (kg sec ²)

3.2 Questions

welcome list constants **questions** change password
QUESTIONS

This page is provided for you to answer the questions.

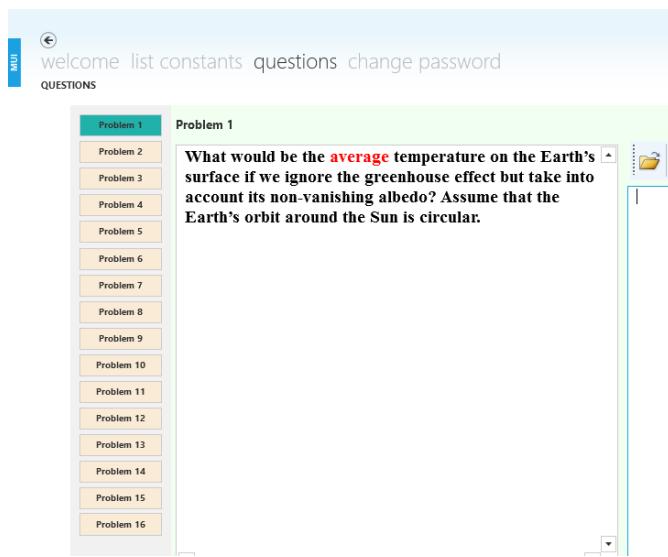
Page to answer the questions, see the picture below:

The screenshot shows a digital assessment interface. At the top, there are navigation links: 'welcome', 'list constants', 'questions', and 'change password'. On the right, there are 'SETTINGS' and 'LOGOUT' buttons, along with a user icon. The top right corner displays the time as '0 : 55 : 15'. The main area is divided into two sections: 'Your Answer' (a rich text editor with a toolbar for file operations, font selection, and styling) and a 'Select Language' dropdown set to 'English'. To the left, a vertical list of 16 problems is shown, with 'Problem 1' highlighted in blue. The problems are numbered from 1 to 16. At the bottom right are 'Submit' and 'Pen Touch' buttons.

Questions list:

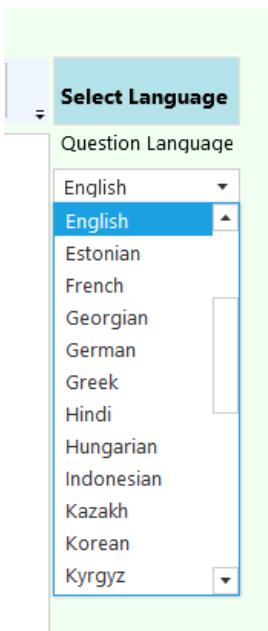
The screenshot shows a digital assessment interface. At the top, there are navigation links: 'welcome', 'list constants', 'questions', and 'questions'. The 'questions' link is highlighted with a red box. The main area displays a vertical list of 16 problems, with 'Problem 1' highlighted in blue. The problems are numbered from 1 to 16. The rest of the interface is identical to the one in the first screenshot, including the 'Your Answer' rich text editor and the 'Select Language' dropdown.

To open the question, just click in the list:



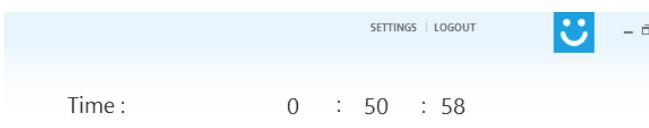
The screenshot shows a user interface for a competition. At the top, there is a navigation bar with links: 'welcome', 'list constants', 'questions', and 'change password'. Below this is a 'QUESTIONS' section. On the left, a sidebar lists 'Problem 1' (selected, highlighted in green), 'Problem 2', 'Problem 3', 'Problem 4', 'Problem 5', 'Problem 6', 'Problem 7', 'Problem 8', 'Problem 9', 'Problem 10', 'Problem 11', 'Problem 12', 'Problem 13', 'Problem 14', 'Problem 15', and 'Problem 16'. On the right, the content for 'Problem 1' is displayed: 'What would be the **average** temperature on the Earth's surface if we ignore the greenhouse effect but take into account its non-vanishing albedo? Assume that the Earth's orbit around the Sun is circular.'

If you want to choose a language appropriate to the country of origin choose "SelectLanguage".
See the picture below:



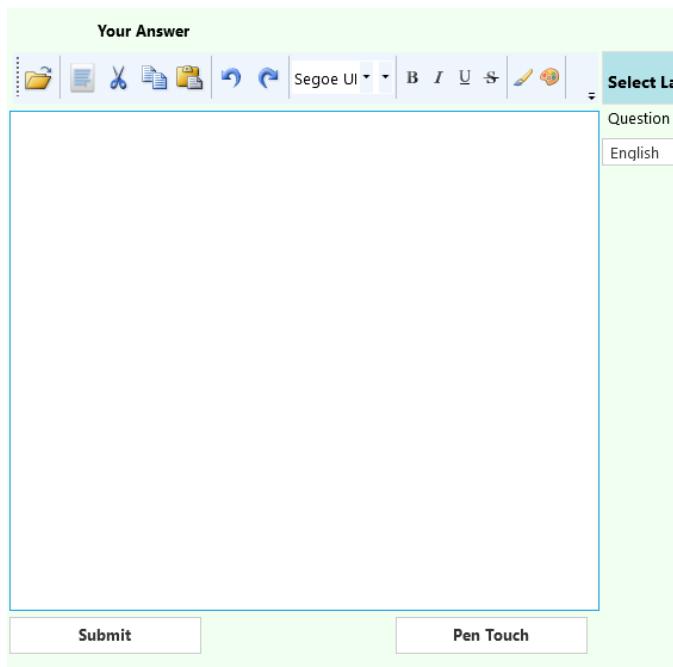
The screenshot shows a 'Select Language' dialog box. It has a title bar 'Select Language' and a sub-section 'Question Language'. Below this is a dropdown menu with the following options: English (selected), Estonian, French, Georgian, German, Greek, Hindi, Hungarian, Indonesian, Kazakh, Korean, and Kyrgyz.

You can see the time of the Olympiad in the right corner, see the picture below:



The screenshot shows a timer in the bottom right corner of a web page. The timer displays '0 : 50 : 58'. Above the timer, there are links for 'SETTINGS' and 'LOGOUT'. To the right of the timer are icons for a smiley face and a refresh.

In the next of question panel, there is answer panel. See the picture below:



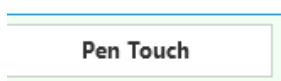
There are several tools that will allow you to work on the problems:



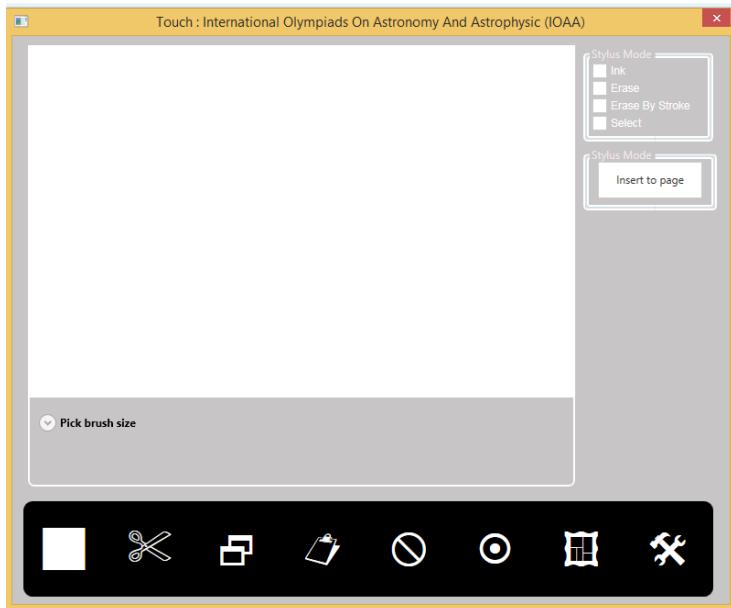
Information:

1. Insert picture.
2. Select all the text.
3. Cut the text that has been drag.
4. Copy the text that has been drag.
5. Paste.
6. Undo.
7. Redo.
8. Font option.
9. Size font option.
10. Style font option.
11. Option to respond with a pen or handwriting.

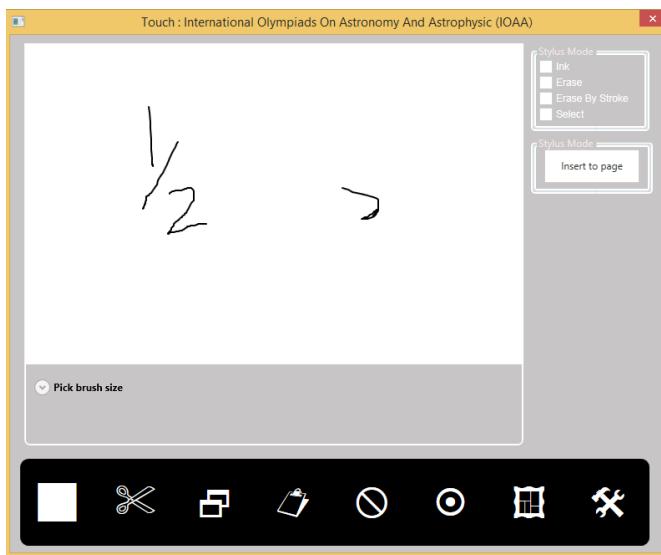
If you want to write a formula, you can use the Pen Touch to write your formula.



Pen Touch display:



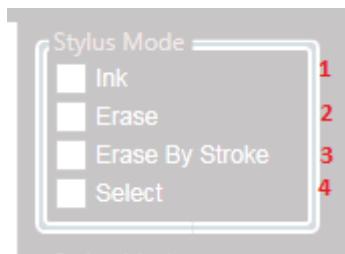
Use your mouse to drawing formula, like this picture below:



You can adjust the line from thin to thick, see the image below:

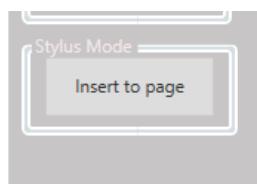


There are also has supported features:



1. Ink : Tool for Pen Touch.
2. Erase : To delete.
3. Erase By Stroke : To delete the stroke
4. Select : To select

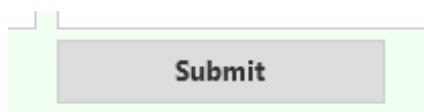
If you have done with your formula, click Insert button.



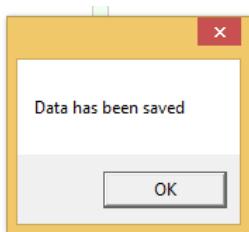
Now your image has been appeared in the answer panel, see the image below for the example:

A screenshot of a digital workspace. At the top, it shows 'SETTINGS' and 'LOGOUT' with a smiley face icon. Below that is a timer 'Time : 1 : 3 : 55'. The main area is titled 'Your Answer' and contains a drawing tool interface with various icons. A handwritten digit '2' is drawn on a whiteboard-like area. To the right of the drawing is a 'Select Language' dropdown menu set to 'English'. At the bottom are 'Submit' and 'Pen Touch' buttons.

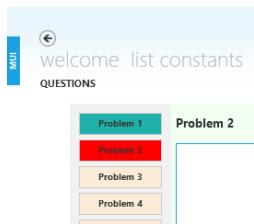
If you are already convinced with your answer, just click the Submit button.



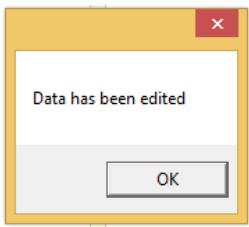
The information that your answer has been saved:



If you want to rewrite your question, do the same thing from the start and click Submit button once again.

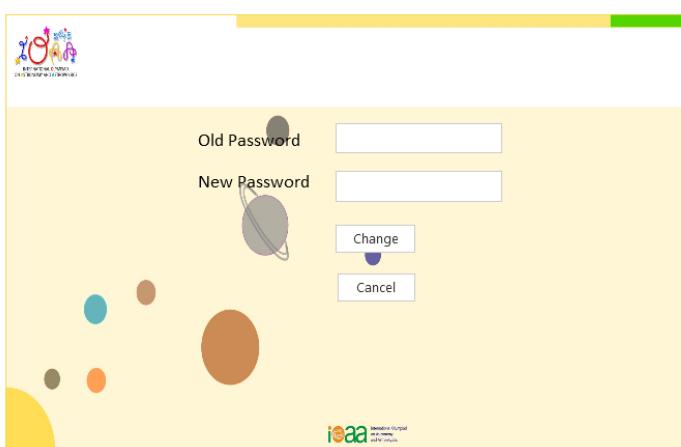


Look at the picture above, if you already input your first answer, the color of list will be blue. Then if you already input your second answer, the color of list will be red. You can only answer the question twice, then you can't edit your answer anymore. Here the message:



3.3 Change Password

If you want to change your password, you can click this menu. Input your old password, then input your new password in the blank space.



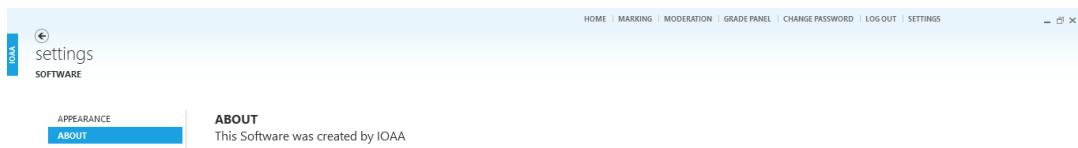
4. MENUS IN THE TOP RIGHT CORNER

4.1 Setting

You can change the background color:



About the application:



4.2 Logout

Before close the application, you better to log out first. Click "Yes" button if you sure to log out.

