

General Rules for the First Round (Competition on the Website)

1. **First Round on the Web** The First Round of JOI 2005-2006 Competition will be held on the website of JOI, <http://www.ioi-jp.org/>. The website will be open for those who has been made entry for JOI 2006-2007 in advance.
2. **Web Browser** The Web Competition System on the JOI website has been constructed and tested by using the latest versions of Internet Explorer, Netscape, and some other web browsers. You are recommended to try the System before the start of the competition by using your own PC and a web browser on it.
3. **Connection Test** From 10:00 on the day before the competition day to 10:00 on the competition day, you can connect to the Web Competition System to try looking at the example problems and/or uploading solutions for them.
4. **Regulations** See the Regulations for Round 1 below.
5. **Logging In** The first thing for you to do is to access the JOI website to log in the Web Competition System. Then, follow the directions described there.
6. **During the Competition** The time shown on the System is just for your convenience which is not necessarily exact.

There is a possibility to inform the competitors some urgent messages. You are recommended to click the "Urgent Information" button sometimes during the competition.
7. **Problems** You will be given 3 hours (from 13:00 to 16:00) to solve 5 problems. You should write (a) program(s) to solve each problem. The program(s) must output correct answers with five input files, *in1* to *in5*.
8. **Points** Either five points (for a correct answer) or nothing (for any incorrect answer) is assigned for each input file. Thus, the full score is 100 points.
9. **Solution** You should get a solution for each problem by executing the program(s) you will make by yourself on your own computer.
10. **Submission of Solutions** The solutions you get by executing your program on the given inputs should be submitted through the Web Competition System, following the guidance shown on the system. You are asked to submit the programs you will make as well.
11. **Grading** Grading the examinees will be according to the points they earned.
12. **Questions** If you have any question during the competition, give us e-mail at joi@ioi-jp.org.

Regulations for the First Round

- (1) **Programming Languages** You are permitted to use any programming language, except for some powerful symbolic manipulation systems such as *Mathematica*. See term (3) below, too.
- (2) **Machines and Operating Systems** You are permitted to use any personal-use computer which is connected to the Internet and equipped with any operating system.

- (3) **Multiple Use of Languages** Using multiple programming languages and/or program development environments are prohibited. For example, you are not allowed to use C language for a problem and Java for another.
- (4) **# of PCs to Use** Only one PC is allowed to use. Do not use any input device other than a mouse and a keyboard.
- (5) **User of the PC** During the competition, only a single user (competitor) is allowed to use the PC.
- (6) **Online Manuals and Libraries** You are permitted to use online manuals, online helps, and libraries, associated with the programming environment on the PC.
- (7) **Pre-installation** Do not install any sample program and any helpful information for programming, in advance of the competition.
- (8) **Use of Electronic Medias/Devices** Do not use any external medias such as floppy disks and CD-ROMs. Electronic calculators and dictionaries are also prohibited to use.
- (9) **Do Not Consult Any Person** During the competition, you should not contact any person with any communication media/tools. Thus, chatting on the Internet as well as communicating by e-mail are prohibited.
- (10) **Access to Web Pages** Accessing any website other than the Web Competition System is prohibited during the competition. It is also prohibited to access any other machine on the network by using telnet, ssh, etc.
- (11) **Applications Prohibited to Use** Applications other than program development environments, web browsers, and mailers are prohibited to use. For example, do not use any powerful arithmetic manipulation softwares such as *Mathematica*, *Maple*, *MuPad*, *Maxima* and table-calculation softwares such as *Excel*.
- (12) **Automatic Program Generating Tools** Do not use any tools which can produce programs, such as *yacc* and *lex*.