



**acm** International Collegiate  
Programming Contest



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Asia Region – Kanpur Site

## **Preliminary Online Contest: 29 October, 2011**

**2:30 PM – 4:30 PM (IST\*)**

### **About Preliminary Contest:**

A Preliminary Online Contest for the ACM-ICPC Asia region- Kanpur Site- 2011 will be held on Saturday, 29 October, 2011. The contest is organized to select teams for participation in the ACM-ICPC Regional Contest (Kanpur Site) to be held at IIT Kanpur on 7-8 December, 2011.

The contest is open to teams from Indian institutions as well as teams from institutions abroad. All teams desiring to participate at the ACM-ICPC Kanpur Site Contest must register and participate in this online contest. Only those teams that qualify in this round will advance to the ACM-ICPC Kanpur Site Contest to be held at IIT Kanpur on 7-8 December, 2011.

Because of limited number of available slots in Kanpur Site Contest, we have decided the following:

- The Online contest will be open to all teams who have completed the registration formalities.
- All registered teams have to participate in the online contest which will be held on Saturday, 29 October 2011 from 2:30 PM to 4:30 PM (IST).
- Only top few teams with better performance in the online contest will be advanced for the Kanpur Site contest to be held on 7-8 December, 2011.

### **Programming Environment:**

- Programs are to be written in C, C++ or Java.
- For C/C++ programs use GNU C/ GNU C++ (Command: `gcc/g++ file.c`) compilers.
- For Java programs, use JDK 1.5. Use the usual commands: `javac` for compilation and `java` for running the program.

For more info on the environment, you are advised to read <http://www.codechef.com/wiki/environment-details>, <http://www.codechef.com/wiki/list-compilers> and <http://www.codechef.com/wiki/fq>

### **Rules:**

- The contest will be conducted over the Internet.
- Teams whose registration formalities are cleared are only eligible to participate in the contest.
- Any number of teams may participate from an Institution.
- Please do not discuss strategy, suggestions or tips in the comments during a live contest. Posting questions clarifying the problem statement is ok. Comments will be published only after admin approval during the contest. If you are unsure, email us at [feedback@codechef.com](mailto:feedback@codechef.com)
- You can also send your queries in an email to [contest-admin@codechef.com](mailto:contest-admin@codechef.com), during the contest.
- Contest problems will become visible on the contest landing page on CodeChef on Saturday, 29 October, 2011 at 2:30 PM. (IST)
- Organizing Institute will not be responsible in case your program does not work at our environment, so try to use one of the mentioned compiler versions.
- Selected teams will be notified by email/website on 2 November, 2011.
- Judges' decision will be treated as final. No correspondence in this regard will be entertained.
- Kanpur Site will not be responsible for any internet failure during the online contest at the contestants' site.
- Each participating team must submit solutions within 2 hours from the contest start time as mentioned in the submission procedure.

### **Submission Procedure:**

Contest problems will become visible on the contest-landing page on CodeChef on Saturday, 29 October, 2011 at 2:30 PM (IST). In order to submit problems you have to login to <http://www.codechef.com> with the login id and password that will be sent to you by via email. You will then need to visit the contest landing page to participate. The link to the page will be sent you via an email as well as be put up on the Kanpur website and on CodeChef by Friday, 28 October, 2011 at 6:30 PM (IST).

### Ranking Procedure:

You will receive one point for solving a problem (passing all test cases - no partial credit), regardless of the level of difficulty of that problem.

- Teams are ranked according to the most problems solved. Ties will be broken by the total time for each team in ascending order of time.
- The total time is the sum of the time consumed for each problem solved. The time consumed for a solved problem is the time elapsed from the beginning of the contest to the submittal of the first accepted run plus 20 penalty minutes for every previously rejected run for that problem. There is no time consumed for a problem that is not solved.
- Each program will be tested based on our critical test data. A program will be considered as correct if its output matches with our output against our critical test data.
- **Selection of Teams may or may not reflect the Ranking of the Teams. For selection of the team procedure read below.**

### Selection Procedure for On-site Contest:

- There are 60 seats available for the on-site contest.
- All teams will be divided into groups where each group consists of all teams of the same Institute or School.
- All teams of the same group will be ranked with respect to their performances.
- To get a seat by a group for the on-site contest, a team of that group has to submit at least one correct program. An attempt will be made to provide a seat for the on-site contest to the best ranked team of that group.
- In case it is found that the number of selected teams in this process is less than the available seats, best ranked teams among the non-selected teams will be considered to fill the remaining seats.
- In case it is found that the number of selected teams is more than the available seats, worst ranked teams among the selected teams will not be given the seats for the on-site contest.