



Preliminary Online Contest (Kolkata-Kanpur Site-2018)

23 October, 2018 [07:30 PM - 10:30 PM (IST*)]

About Preliminary Contest:

The Preliminary Online Contest for the selection of the teams for the onsite contest to be held in Kolkata and Kanpur on 21 and 22 December 2018 has been scheduled on **Tuesday, 23 October, 2018**. All teams desiring to participate at the ICPC Kolkata-Kanpur Site Contest must register and participate in this online contest.

Because of the limited number of available slots in Kolkata-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 **Tuesday, 23 October, 2018** from 07:30 PM to 10:30 PM (IST*).
- Only top few teams with better performance in the online contest will be advanced for the Kolkata-Kanpur Onsite contest.

Programming Environment:

- ✓ Programs are to be written in C, C++, Java or Python. You can find about the compiler options in each language here (<https://discuss.codechef.com/questions/3480/what-are-the-compiler-options-that-the-judge-uses>).
- ✓ For C/C++ programs use GNU C/ GNU C++ (Command: gcc/g++ file.c) compilers. For C++ and C use compiler version gcc 6.3.
- ✓ For Java programs, use javac8. Use the usual commands: javac for compilation and java for running the program.
- ✓ For Python programs, use python 2.7.13/python 3.5/PyPy.

Online Contest Rules:

- The contest will be conducted over the Internet.
- Teams whose registration formalities are completed are only eligible to participate in the contest.
- You are not allowed to discuss strategy, suggestions or tips in the comments with anyone other than contestants of your team during the contest. However, posting question or clarification to the contest manager to clarify the problem statement is allowed.
- Comments will be published only after the approval from the administrator during the contest.
- You can also send your queries by email at help@codechef.com or call at +9122-61966343/61966396 during the contest.
- Contest problems will become visible on the contest landing page on *CodeChef* on **Tuesday, 23 October, 2018** at 07:30 PM. (IST*)
- Organizing Institute will not be responsible in case any program does not work at our environment. So, try to use one of the mentioned compiler versions.
- Judges' decision will be treated as final. No correspondence in this regard will be entertained.
- Kolkata-Kanpur Site will not be responsible for any internet failure during the contest at the contestants' site.
- Each participating team must submit solutions during the contest period.

Submission Procedure:

To submit problems, you have to login to <http://www.codechef.com> with the team login id and password that has been sent to you by email. You need to visit the contest page: <https://www.codechef.com/ACMIND18>.



Ranking Procedure:

- You will receive one point for correctly 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 number of problems solved. Ties will be broken by the total time for each team in ascending order of time.
- 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.

Selection Procedure for On-site Contest:

- There are approx. 160 seats (60 in Kolkata center and 100 in Kanpur center) available for the Onsite contest. Choice of preferred center for Onsite Contest collected from all the teams at the time of registration may not guarantee that a team will get a slot in that center preferred by them.
- At most 03 (three) teams can participate from an Institute.
- Selection Criteria is as follows:
 1. Discard all teams who could not solve a single problem.
 2. Rank all teams based on the performance in the Preliminary Round.
 3. Select top 10 (ten) ranked teams for Onsite Contest.
 4. Remove these 10 teams from the Rank List
 5. Select the top ranked team from each distinct school or institute.
 6. Arrange all these top ranked teams with respect to their performance in the Preliminary Round.
 7. Select teams from the top as long as the Onsite Contest slots are available and the list is not exhausted.
 8. In case it is found that the number of selected teams in this process is less than the available slots, remove selected teams from the Rank List and repeat step 5.
- After finalizing the list of selected teams for the Onsite Contest, center for participation in Onsite Contest (Kolkata or Kanpur) will be allotted to these team based on their ranking in Preliminary Round and preferred city for the Onsite Contest chosen by them.
- In case it is found that all the seats in a particular center are full, the other center will be allotted to the remaining teams of the rank-list irrespective of the choice of center filled by them.

*IST: Indian Standard Time