

Critical Rules

- The result of ICPC Dhaka Regional 2020 will NOT impact quota calculation for future ICPCs, NCPs, etc.
- Cheating incidents by an individual will lead to disqualification of the whole team. Corresponding individuals will receive a lifetime ban and s/he will be barred from taking part in any future ICPC Dhaka Regionals.

Format

- The contest duration will be **4 hours**.
- Contestants from a team MUST remain in DIFFERENT places (Not allowed to communicate without using a device and the Internet).
- Each member may use a laptop or a desktop computer. The members can code SIMULTANEOUSLY during the contest.
- Members of a team will use a zoom breakout room for communicating among themselves provided by the organizers. They can use the built-in features of Zoom if needed. Zoom chat is suggested for any type of communication with proctor.
- The ranklist will be frozen after 2 hours but teams will be given a static rank list (without information about individual problems) at the end of 3 hours.

Instructions to be Followed

Before Mock (7th August 2021)

- Install Dropbox desktop app (<https://dropbox.com/>)
- Install Zoom desktop app (<https://zoom.us/>)
- Install Zoom mobile app
- Install Vokoscreen (recommended screen recording tool)
 - Windows: <https://linuxecke.volkoh.de/vokoscreen/vokoscreen-download.html>
 - Linux: <https://github.com/vkohaupt/vokoscreenNG#install-packages>
- Sign up in Dropbox and Zoom using the email address you have given in your <https://icpc.global/> account.

Before Contest (11th August 2021)

- Submit the Team-Notebook in PDF format. (Link to submit will be given via email)
 - The Team-Notebook must have at most 25 A4 pages.
 - The font size should be at least 10.

Contest Day (14th August 2021)

- There can be no one present in the room other than the contestant.
- The virtual “Zoom Meeting” for the contest will be available from one hour before the contest starts. All members of a team must join in the zoom session at least 30 minutes before the contest starts. Meeting link will be sent via email and in ‘Team-Folder’ which is described below.
- After logging into zoom, each participant must record their screen (entire screen with microphone and speaker audio, time-date of computer should be visible) using Vokoscreen or any other tool. The recording must continue till the end of the contest. Teams will need to submit this recording to the judges after the contest for inspection. Instructions on how to submit will be provided.

- A team member is allowed to communicate with his/her teammates only. Any other person including the coach is not allowed to communicate with any of the team members during the contest. Members of a team are only allowed to use the zoom session provided by the contest organizers. Each team will get a separate breakout room for private (but proctored) communication among the team members.
- Each team member must use two simultaneous feeds: one for video, another for the screen. This can be achieved in the following ways:
 - Using a smartphone and a laptop/desktop PC to log in to zoom separately. The smartphone will act as the video feed, while the PC should be used for screen recording.
 - Using a webcam and a PC to log in to zoom. The webcam will act as the video feed, while the PC should be used for screen recording.
- PC screen sharing all the time is not mandatory. Teams can share their screen to show the codes (or other materials) to other members of the team.
- Proctors can ask any contestant to show his/her screen at any moment. Each contestant is obliged to follow that command.
- The video feed (mobile/webcam) should be kept on the side of the table so that the contestant, the table, and the screen are visible at the same time. If a proctor asks, the contestant would be obliged to show the whole room during the contest.
- Each team can use any zoom feature to communicate during the contest. Some suggestions might be:
 - Using audio to talk to other members.
 - Chat (not recommended for sharing files as it does not work sometimes, use dropbox as described below).
 - Using screen share to show the codes/materials to other members.
 - Using Zoom Whiteboard to draw and share with other members.
- **Dropbox:** Judges will create a folder for each team (the name of the folder will resemble the team name) and share it with the contestants of the team via Dropbox. This folder is called the Team-Folder.
- Contestants must have their Dropbox desktop version working. Then the Team-Folder will be automatically added to the hard-disk drive. Teams will not be allowed to use browsers for accessing dropbox.
- Each team is allowed to use only the Team-Folder during the contest. No other folders should be used during the contest.
- Each team is allowed to copy codes only from the Team-Notebook and the Team-Folder. Copy operations from other source codes or materials are not permissible. The Team-Notebook (collected from each team prior to the contest) will be placed in the Team-Folder by the judges before the contest starts. After the contest, judges may check if the submissions have any non-trivial code from the internet which is not part of the Team-Notebook.
- The username and password to log in to Codemarshal will be given in the Team-Folder before the contest.
- **The ProblemSet (as a password-protected pdf) will also be placed in the Team-Folder before the contest. The password of this file will be given in CodeMarshal as a 'Clarification' just after the contest starts.**
- Each member will be allowed to use the washroom only once during the contest, for a maximum of 5 minutes. They will need to obtain permission from their proctor through zoom chat. A team member can only get this permission after the 2nd hour of the contest has passed. No contestant is allowed to go to the washroom during the last thirty minutes of the contest.
- Only a single monitor is allowed. If you are using your laptop with an external monitor, then the lid of the laptop must be shut all the time during the contest.
- If any team member faces any network or power issue, s/he must call their proctor (phone no of corresponding proctors will be given in Team-Folder) immediately to inform them about the issue. In any case, contestants must have a backup network and power facilities for such a scenario.

Contestants may keep multiple smartphones or laptops as a backup but the backup devices cannot be used simultaneously.

- Contestants are NOT ALLOWED to use any sites other than codemarshal during the contest.
- Contestants are allowed to use the calculator on their computers.
- Contestants are allowed to use any IDE/Editor/Terminal to facilitate coding.
- Contestants must use a well-lit room during the contest and have food and drinks supply from the beginning.
- Contestants are allowed to stand up and walk in the room, but they must be visible to the camera the whole time.
- Any kind of hard copy document is NOT allowed (books, printed documents, etc.) to keep and use during the contest.
- Contestants are NOT allowed to use any other electronic devices other than those mentioned above (One PC/Laptop, one mobile).
- Contestants are allowed to keep and use white pages, graph pages, pen, pencil, ruler, etc. during the contest.

Possible Steps for Misconduct

- Failure to comply with the rules and instructions (by even a single member) may lead to the disqualification of a team from the contest.
- If a contestant is out of network/power for more than 5 minutes and s/he doesn't report to the proctor (or wants to leave early for some reason), then the individual may be barred from taking part in that contest from that point on. If this happens, then the rest of the members of that team will NOT be allowed to take a washroom break after the incident.
- Proctors will report possible cheating incidents to judges. Judges may review the following materials (including but not limited to) for evidence:
 - The video recordings from the team.
 - The video recording from the proctor.
 - Submissions in Codemarshal.
 - The history of files and actions of the Team-Folders in Dropbox.
- The RCD's decision is final for any steps in misconduct.

If you have any issues (medical conditions, unavoidable circumstances, etc.) with these instructions, or have any questions, then let us know at icpc@cse.du.ac.bd.