SHORTLIST CRITERIA

I'll consider **four major factors** with weighted scoring to rank students fairly:

1. **Academic Performance (20%)**:
   - 10th & 12th scores (normalized).
   - BITSAT score, JEE mains score,JEE advanced score (20 percent)

2. **Technical & Coding Achievements (30%)**:
   - CodeChef ratings, Math Olympiad, IOI participation.
   - Tech projects, hackathons, or other notable achievements.

3. **Extracurricular & Diversity (20%)**:
   - Other non-tech achievements (debates, leadership roles, etc.).
   - Socioeconomic background (EWS status or lower family income).

4. **Subjective Bonus (10%)**:
   - Unique contributions or exceptional projects.

Each student will receive a final **weighted score** based on these parameters. Then, they will be categorized into **Tier 1 (Top), Tier 2 (Good), and Tier 3 (Moderate)**.

SO I have assigned the code in such a way that the all the exams of the academics be it 10th,12th,JEE mains,JEE advanced or BITSAT all have a weightage so if a student has marks of these they are being converted with a use of multiplication with a score of 0.2 and state boards students the gpa is being converted to the percentage for the calculation.

Extra points are being awarded if the student has an some technical skills like math Olympiad ,IOI participations and Codechef scores

Points are being also awarded for the tech projects and hackathons and any notable achievements are being present

EWS category students have a slight edge over the general and certain amount of points being awarded to them and non tech skills are being awarded too and there is a subjective bonus if any student has good projects

Based on these the students are being classified into three classes and interviews are being shortlisted on the behalf of it

INTERVIEW SCHEDULING

So as per the given condition I have shortlisted 13 candidates for the interviews and as each interviewer is available for 3 hours a day and two rounds are to conducted namely the R1 and R2 hence each interviewer could take interview of 6 students for 30 minutes each so interview lasts for 2 days 30 minutes each over a period of 2 days .