

Instructions

This is a study on peer grading. The instructions are simple. You should read the following instructions carefully, as they would help you perform successfully in the study. In this study, each of you will be asked to grade the assignments of five anonymous students in this room. Similarly, your own assignment would be graded by five anonymous students from this room.

For every participating student their final mark is assigned by peer grading. You will be paid a show-up fee of Rs 125 for submitting the grades of all the assignments you are assigned to grade within time. You would also be paid a separate amount depending on the rank given by your peers (call this the *peers' judgement ranking*) based on your own marks in the pool of participants today.

Your peer graded marks and the relative ranks in this peer grading exercise only determine your payment from this session. It will not be used to determine your actual score for your final grade in the course. The assignment score used towards your IITK grades will be provided to you by the instructor (i.e., myself) later.

Would I know whose exam papers I might be grading / correcting?

You would not have this information. We will take maximal precautions to make sure that the grader or the assignment-owner's identities are anonymous to each other during and after this session. Further you would also not know which other four participants are grading the same papers as you. Thus, this procedure is double-blind.

We will provide you a solution manual to help you in the grading process. Please be respectful and encouraging in the grading process. Scores should reflect the learner's understanding of the assignment and points should not be deducted for difficulties with language or differences in opinion or for using a different but correct methodology.

How much time do I have to complete grading the five assignments?

You would get a total of 60 minutes, which we believe should be sufficient. However, for unforeseen events, please keep an additional 30 minutes contingency for time. That means if you choose to come at 10 AM for the study, you should not plan anything till 12 PM to be safe.

How are my final grades decided?

All five peer graders independently assign you grades on all of the questions. Then for each question your final grade is the **median** of those five grades. For example, if on question two the five graders assign you 4, 5, 6, 7, and 10 respectively, then your final assigned grade on that question would be 6.

We would calculate your grades on all the questions separately by the above median-method, and then aggregate those median grades from all the questions. For example, if there are three questions and the median grades on the three questions are 6, 5 and 8 respectively, then the total grade on the assignment is 19.

How does one calculate the median of five numbers?

Sort the numbers in increasing order and the third highest number would be the median.

Can I dispute my peer-assigned grades?

Yes. In case you think your true grade is different than the grade that has been assigned to you, you can privately indicate that on a form that would be sent at the end of the peer grading and that will immediately notify us. We would then reassign you the grade the Teaching staff had assigned to your assignment previously. This whole process would be completed in a click of a button and you would be shown your updated grade in a matter of seconds.

*Please note that once a dispute is lodged, your grade would become the **Teaching Staff assigned grade** irrespective of whether that results in an increase or decrease over your original grade.*

How are my payments decided?

Every participant would get a lumpsum of Rs 125 for submitting the grades of the five assignments he was assigned. You would also get an additional Rs $(n+1-x)$ for being ranked x^{th} in the pool of 'n' participants today. For example, if there are 50 people participating today and your assignment was assigned the 10th highest grade among them, you would get Rs 41 for your rank. This payment would be calculated only after any and all potential grade disputes have been resolved.

Hence, in this study, the higher you are in the ranking based on your peers' judgement (and a potential review), higher is your payment.

You would be given a questionnaire of three questions that tests you on your knowledge of calculation of median. ***Failure in answering at least two correctly out of those three questions would disqualify you from participation in this study.*** In this case you would be asked to leave this session with a Rs 20 reward.

Important: Please do not communicate with any other participants during this session. Please keep seated even if you are done with grading before time. If you have any questions, please raise your hand and one of us will come by to answer your query. Please use your IITK domain email id throughout this session. **Please come remembering your google id/password, since that may be needed for some form filling.**