

# Instruction

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- n people
- Each person submits 1 problems to TA
- The problem from each expert student should be relevant to the aspect he/she chooses
- Prof. Deng and TA offer one problem respectively (These two problems are compulsory)
- Problem from student  $i$  will be randomly allocated to any 3 students but  $i$ 's team member.
- Their total scores of 5 problems will be scaled to  $A_i$  s.t. the average is no more than 85 (Detailed scaling method remains undetermined until the distribution of raw scores is available. )
- For problem  $p_i, i \in [n]$ (*index set*), calculate the variance of scores students get from  $p_i$  after which we get  $\bar{V}_i$
- Normalize  $\bar{V}_i$  and then get score  $B_i$  by multiplying them by 10
- Final score for each student  $i$  is given by  $A_i + B_i$