



Bilkent University  
Department of Mathematics

## PROBLEM OF THE MONTH

**Term:** February 2022

During of the school year an instructor asked 2022 problems in the class and the number of students who could not solve any particular problem was at most two. The instructor wants to divide the 2022 problems into three folders of 674 problems and give each folder to a student who solved all 674 problems in that folder. Find the minimum number of students in the class that makes it possible in all possible situations.