

IMPLEMENTING PAIR PROGRAMMING IN OBJECT ORIENTED PROGRAMMING CLASSES TO PROMOTE COLLABORATIVE PROGRAMMING

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Programming exercises are traditionally done individually by all students to hone their programming skills. However, some students have difficulty to finish all the required laboratory exercises by themselves and they also need to improve their programming skills. For these reasons, a study was conducted to know if collaborative programming will solve the problem.

Pair programming and solo programming were both examined to investigate the effectiveness of both techniques and to know whether pair programming can be implemented to improve students' programming skill in their object oriented programming classes.

Results showed positive responses from students to have pair programming implemented in their object oriented programming classes. However, solo programming is still recommended for students who are capable to do individual work to further hone their programming skills.