

AMath Tea Time — Puzzle #1

31 March 2015

Hello, everyone! I thought it would be nice to have weekly mathematical and programming puzzles to accompany our tea time activities. My plan is to post new puzzles every Tuesday and add hints on Thursday. Discuss solutions with others and have fun!

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Chris S.

Problem

There are 2015 airports in the far away land of Dijkstrania. Every pair of airports is connected by a nonstop flight in one or both directions. Show that there is some airport from which it is possible to reach every other airport in at most two flights.



Hints

(Posted on Thursday)

If you have any puzzles to share then send them my way at cswiercz@uw.edu!