

Bilkent University
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## Problem Of The Month

Term: June 2017

In a country consisting of 2017 cities there are two way flights between some pairs of cities so that any two cities are connected by a flight route (direct or consisting of several flights). Find the minimal possible value of $k$ for which for any such flight arrangement one can declare $k$ cities special so that from any city (special or not special) there is a direct flight to at least one special city.

