# COSC 222 – Lab 10 – Testing graphs for Eulerian Traversal

You are given files in the form:

Red Blue  
Blue Green  
Green Red  
Green Blue  
Blue Red

…

Each row represents a cable, and cables can be attached on ends with matching colours. For example, Green-Red can attach to Green-Blue by attaching them at their Green ends.

Write a program that determines whether **all** the given cables in a file can be joined into one connected line. Output TRUE or FALSE for each file.

The simple Graph class used last week is also given to you for your convenience. You might want to use it, or you might want to modify it, or you might want to not use it – it is up to you.

+1 for having name/ID at the top of your code files in a comment

+1 for proper and consistent code style, commenting, variable names, submission (only submit files you edit), etc

+6 for solving each case of small1, small2, small3, medium1, medium2, medium3 (1 point each)

+2 for solving medium4