spring-boot app which determines if two cities are connected. Two cities are considered connected if there’s a series of roads that can be traveled from one city to another.

Note: I have implemented graph traversal using Breadth First method. I have tested code with limited set of data

Coding exercise Write a program in Java which determines if two cities are connected.Two cities are considered connected if there’s a series of roads that can be traveled from one city to another. List of roads is available in a file.File contains a list of city pairs (one pair per line, comma separated), which indicates that there’s a road between those cities.

It will be deployed as a spring-boot app and expose one endpoint:

http://localhost:8080/connected?origin=city1&destination=city2

Your program should respond with ‘yes’ if city1 is connected to city2, ’no’ if city1 is not connected to city2.

Any unexpected input should result in a ’no’ response.

Example:

city.txt content is:

Boston, New York

Philadelphia, Newark

Newark, Boston

Trenton, Albany

<http://localhost:8080/connected?origin=Boston&destination=Newark>

Should return yes

<http://localhost:8080/connected?origin=Boston&destination=Philadelphia>

Should return yes

<http://localhost:8080/connected?origin=Philadelphia&destination=Albany>

Should return no