Assignment 2

### *Part I*

## Introduction

The first part of assignment 2 had us solve two provided problems. A template and a number of JUnit tests were provided. Both problems were described as related to the train network that we used in *assignment 1*. However, these problems could be solved independently and did not rely on the first assignment. Within this document, I will describe my approach to solving the problems, the problem that they relate to, and any problems I had when completing them.

## Problem A

The first problem described a situation in which we needed to be able to determine the number of paths between two stations. We were provided a CSV data file and needed to read in the data. The data file gave us a number of station to station pairs that indicated an undirected connection between the stations on each line.