CS 1501 Assignment Information Sheet

You must submit an information sheet with every assignment. It does not have to be

this exact sheet but it should have all of the information shown here. Also be

sure to submit all materials following the procedures described on the submission

procedures page.

Name:\_\_\_\_Alexi Green\_\_\_\_\_\_\_ Assignment #: \_\_5\_\_\_\_\_\_\_\_\_\_\_\_

Lecture Day and Time: \_\_MWF 9:30 A.M. – 11:15 A.M.\_\_\_\_

Program Due Date: \_\_7/24/2020\_\_\_\_\_\_\_\_\_\_

Handed in Date: \_\_7/24/2020\_\_\_\_\_\_\_\_\_\_\_\_

Source code file name(s):

\_\_AirlineGraph.java, BreadthFirstPaths.java, DepthFirstSearch.java, DijkstraDistSP.java, \_\_

\_\_DijkstraPriceSP.java, EagerPrimMST.java, Edge.java, WeightedGraph.java\_\_\_\_\_\_\_\_\_\_\_\_\_

Other file name(s) (if relevant): \_IndexMinPQ.java, Queue.java, StdIn.java, StdOut.java,\_\_

\_\_UF.java. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_a5data1.txt, a5data3.txt\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_FOR W-SECTION: All .html files within the .zip folder.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does your program compile without error?: \_\_\_\_\_Yes\_\_\_\_\_

If not, what is/are the error(s)?:

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Does your program run without error?: \_\_\_\_\_\_Yes\_\_\_\_\_\_

If not, what is/are the error(s) and which parts of your program run correctly?:

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Additional comments (including problems and extra credit):

\_\_Program takes filename from command line arguments. See compilation\_\_\_

\_\_and execution information at the top of AirlineGraph.java.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_NOTE: WeightedGraph.java indexes vertices starting from 0. AirlineGraph.java

\_\_adjusts vertices to index starting from 1 because of the input files, so if a\_\_\_\_\_

\_\_method from WeightedGraph.java is called in AirlineGraph.java to produce an

\_\_output such as the MST, it will have vertices starting from 0, but these correlate

\_\_properly with the vertices in the data file and do not affect the algorithms running

\_\_on the graph. Just clarifying just in case the vertex numbers seem confusing.\_\_\_\_