Isaiah Holder

Lab-9

Test Document for Graph ATD

**Operations Input Values Expected Output**

*AddVertex():*

Add seven vertices to the graph

By calling AddVertex() Atlanta,Austin, Denver, Houston, void

Dallas,Washington,Chicago

*AddEdge():*

Add six edges to the graph

by calling AddEdge()

E(G) =

{ (Atlanta,Austin)(Austin,Chicago)

(Chicago,Dallas)(Dallas,Denver)

(Denver,Houston)(Houston,Washington)} void void

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The graph is tested by asking the user for a departure and arrival city, and then searching the graph

for the route with the least amount of transfers.

Screenshot:



