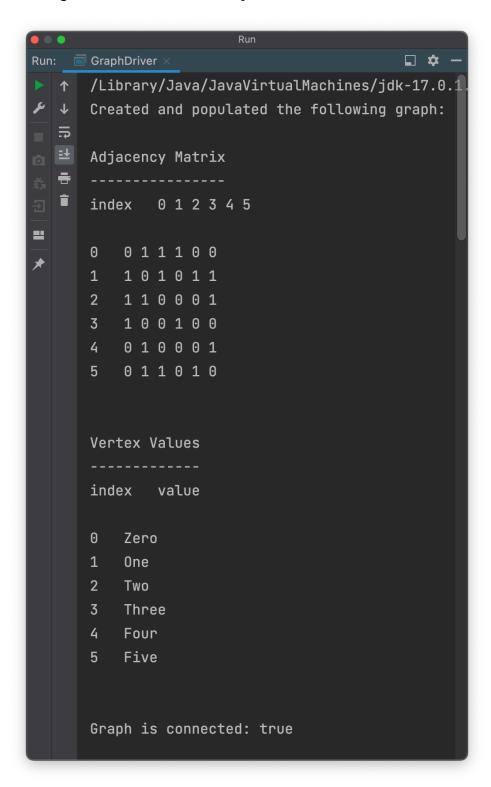
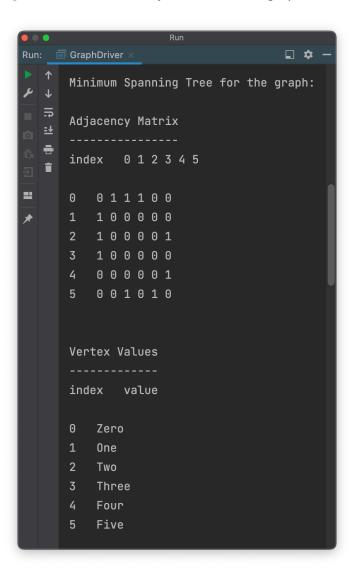
Question 2 Test Exhibits

Test exhibit showing .addVertex(), .addEdge(), and .isConnected() functionality



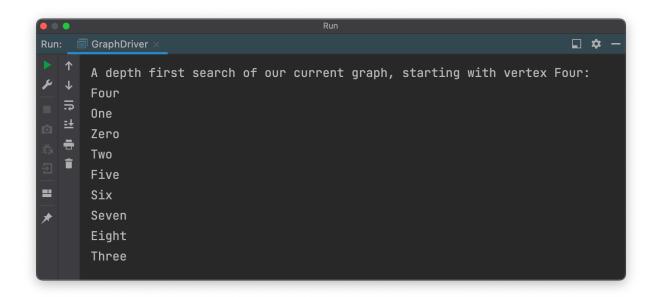
Test exhibit showing <code>.getMST()</code> functionality and the above graphs minimum spanning tree:



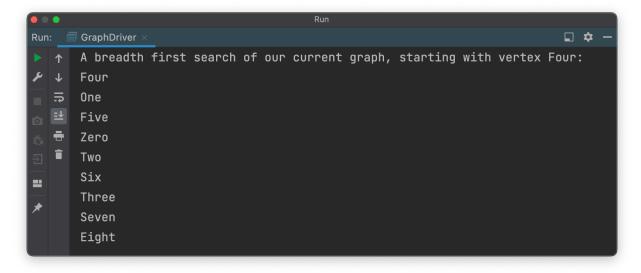
showing .shortestPathLength() and .iteratorShortestPath() functionality:



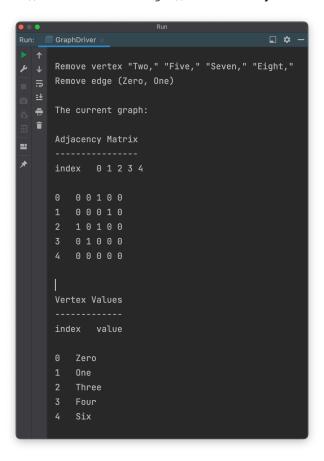
showing .iteratorDFS() (depth first search) functionality, starting with vertex Four:



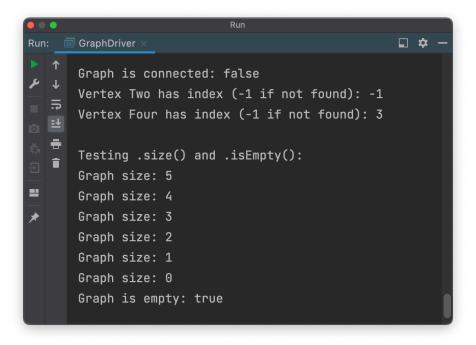
showing .iteratorBFS() (breadth first search) functionality, starting with vertex Four:



showing .removeVertex() and .removeEdge() functionality:



Test Exhibit showing .isConnected() for a disconnected graph, .getIndex(), .size() and .isEmpty() functionality for a range of cases:



showing .getVertices() — input as Arrays.toString(graph.getVertices()); Note also that this implicitly shows expandCapacity() is functioning.

