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Assignment- Assignment 6

Course CMSC-204

**Reflection**

In this Assigment#6 I learn how to build a graph and found the shortest path using the Dijkstra's Shortest Path Method. Internal structures are built which hold the ability to retrieve the path. For me, the shortest distance from the source Vertex to all the other vertices in the graph, was the hardest method to write. I also learn how to rewrite the compareTo and equals method so that they can compare whatever we want to compare. For example we rewrite the compareTo method with this header: public int compareTo(Road other). Before write that we make sure that the class implements the comparable interface with whatever object we want to compare. So, the header of the class become: public class Road implements comparable<Road>.

**Screenshot**









