Xavier Greer

CS267 – Computer Algorithms

Unit 4 Submission 2

December 6, 2020

The purpose of this academic mini paper is to demonstrate knowledge in graph coloring. The first step was to create a class named graph which contained a constructor for the adjacency list along with a vertex variable. There are two methods for the graph class, Coloring and addEdge, the coloring method assigns a color to each vertex while making sure there is no vertex connecting with a vertex with the same color.

Text

Description automatically generated