## COP 4534 Project 2 Conclusions

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## Conclusions:

- When implementing the solution within the project, Muhammad and I found that there were lots of difficulties trying to graph each vertex and it's edge. Although we had completed a program in class in which we did this before, trying to make it dynamic and creating a class that would dynamically visualize the graph would have likely been the hardest challenge. Muhammad and I learned how to use JFrame a lot more, and also brushed up on our object-oriented programming skills. While creating the Dijstrakas method, we both learned how the algorithm works in more depth.

Visualized graphs & their shortest paths

- Graph 1 (0 3):
  - 6
  - 024001
  - 203500
  - 430160
  - 051024
  - 006203
  - 100430
  - 03
- Graph 2 (1 4):
- 6
- 04913201
- 4008016
- 900380
- 1383000
- 2008006
- 1160060
- 14





