1. Naman Bajaj – nb726, Roshan Aiyar – ra854

2. We only worked with each other, and the only resources we consulted were Piazza.

3. We set up the interfaces using ip addr then connecting them with the listed ip addresses. We used up addr help to get more information. We set up default routes using ip route add default, this added the default routes we needed. Then we used r1 ip route add … to connect the router with each one of our nodes.

4. Our code works according to the description above, we did extensive testing using ping and traceroute across all nodes.

5. We had difficulties setting up Mininet, as there were lots of issues that were coming up. This included Mininet itself not booting due to the default configuration on VirtualBox, needing to reinstall Mininet since our Python installation on Mininet became messed up, and Mininet not having internet connectivity, thus needing another reinstall. We didn't have much difficulty outside of the set up of Mininet.

6. We were able to draw a strong connection between what we did on this project and topology and graph theory. It was especially interesting since one of us is a math major, so seeing how much networks behaved like graphs and how much it intersected with topology was interesting to see.