## Network Topology: Briefly describe how you generate the network topology, using Visual aids or diagrams for clarity.

* Firstly, we add a specific number of nodes to the graph with the first node starting at the letter A.
* Secondly, since all the nodes are disconnected, we start with the first node that was initialised and connect

## Routing Algorithm: Outline the routing algorithm(s), explaining your selection and providing an overview of its functionality. Highlight any modifications or optimizations made to standard algorithms.

## Implementation Methodology: Describe the programming approaches and tools used, with a focus on specific techniques applied to implement the routing protocols, handle link cost changes and node failures, and ensure continuous operation of the network.

## Simulation Results: Summarize key findings from your simulations, stating what you have and haven’t completed. Provide specific examples of how effective your system is in routing and adapting to link-cost changes and failures.