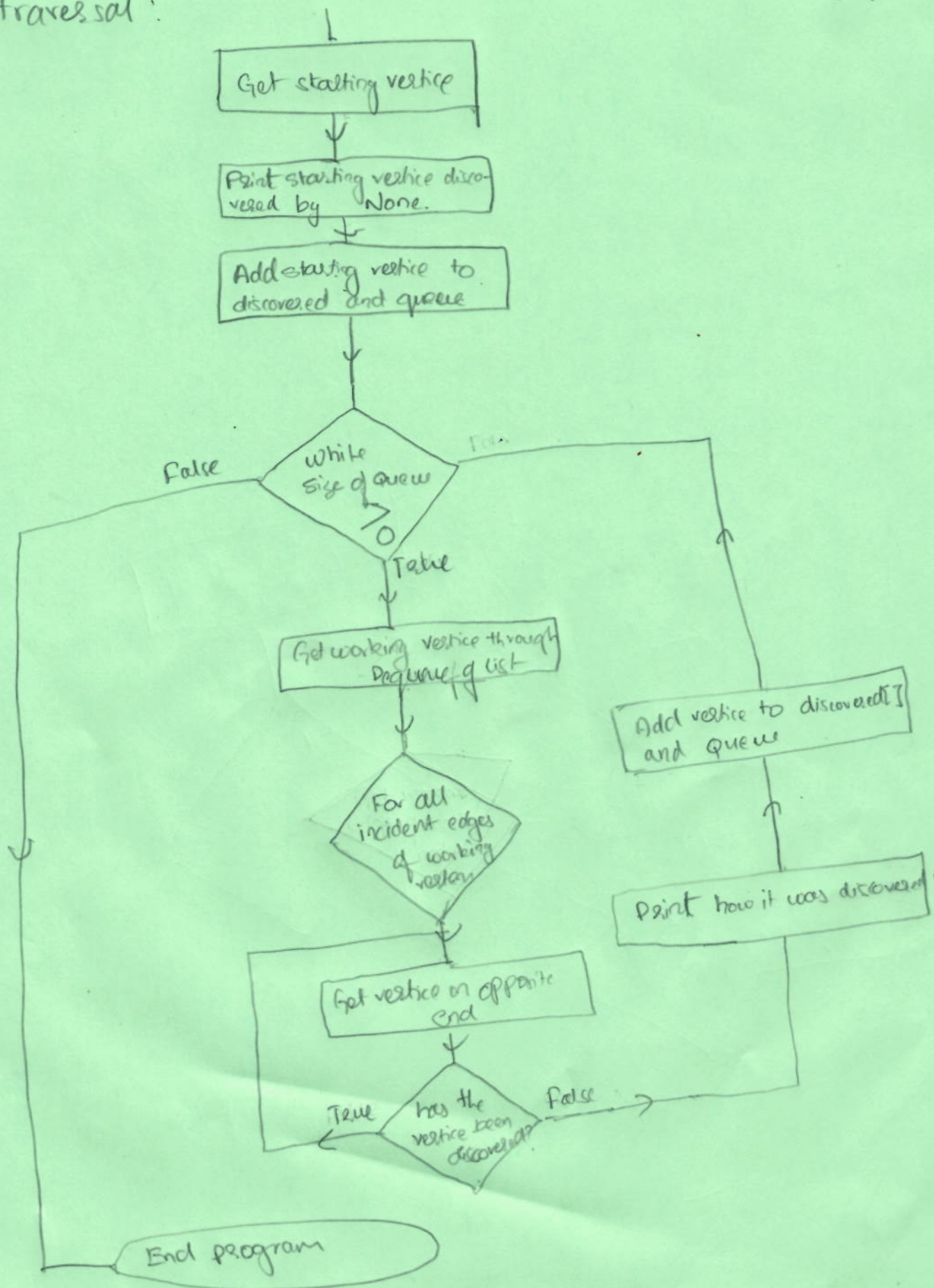


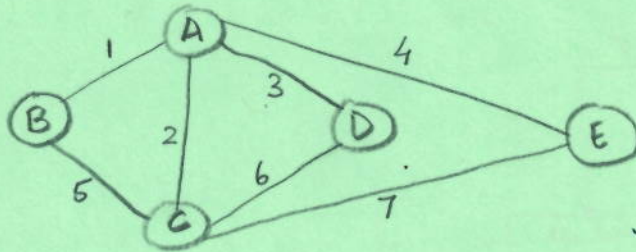
Bfs - traversal :

Part 1 .

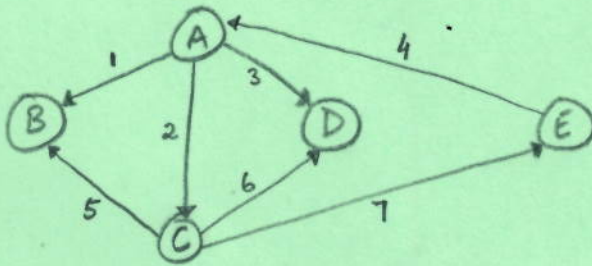


GRAPHS

UNDIRECTED :



DIRECTED :



RESPONSIBILITIES

NIRDESH BHANDARI : bfs_traversal(self)

SIDDHARTH SUDHEER : remove_vertex(self,v), remove_edge(self,e), print_graph(self), test-code

Part 4)

Problems encountered:

- ① Understanding how the vertices and their incident edges are stored in a set of dictionary and keys values.
- ② Extracting relevant positions of edges and vertices for the methods required.
- ③ Error catching and statement coverage.
- ④ Understanding how the subclasses work in order to make the most out of given methods.

We learned a lot from each other, especially how to work as a team. And how to integrate each other's work. We set up a git repo so it would be easy for us to work on it, and commit our changes. We also learnt from each other, the different styles of how we write code, and it was interesting to see each other's perspective on, why we wrote the code the way we did. Overall, it was good to work in a team