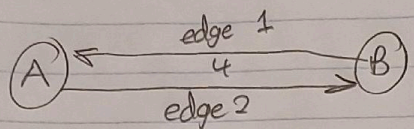
My graph class makes undirected graphs by connecting nodes with 2 edges.



edge 1) weight=4 source=B destination=A

edge 2) weight=4 source=A destination=B

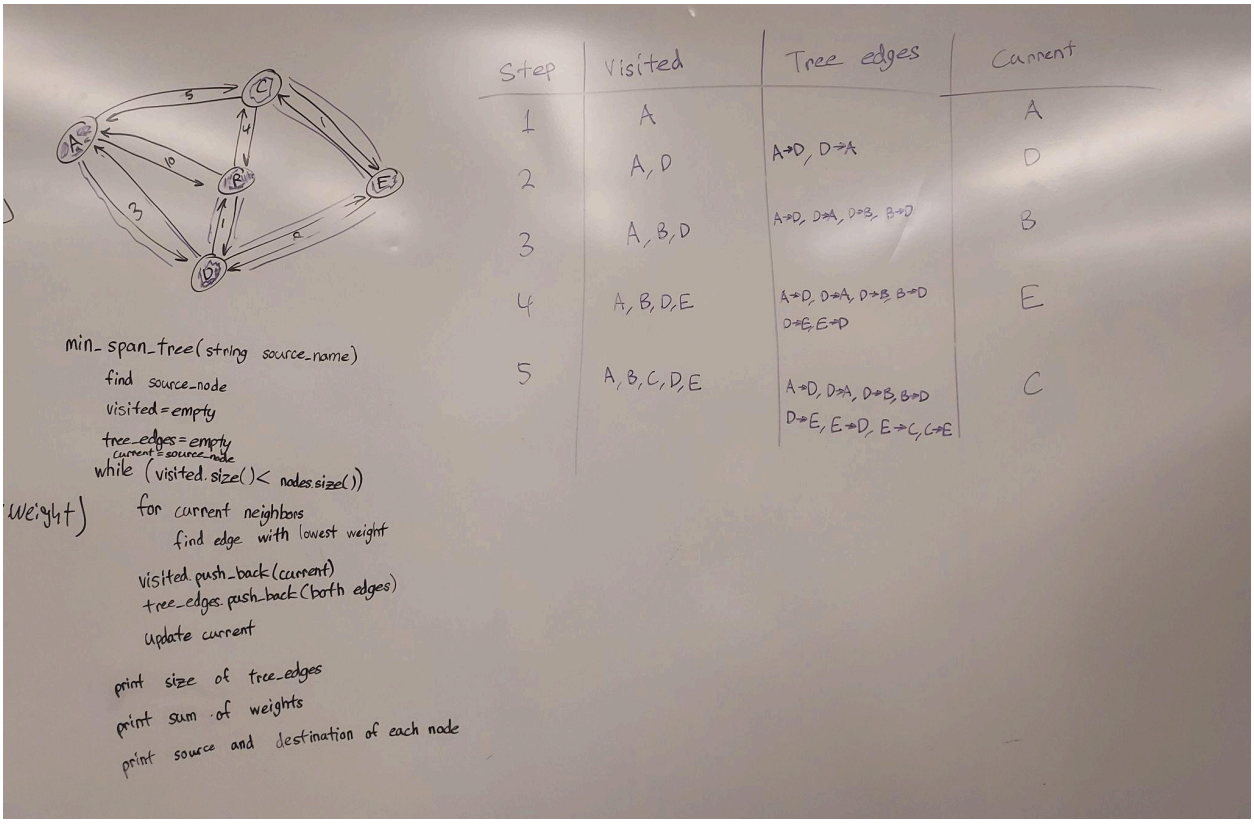
Prim's Algorithm

- Finds the lightest tree that touches all nodes.
- Works for undirected graphs.

Desired Output

My function will output both edges, but will count them as 1 edge.

alphabet_graph_2



Expected Output for alphabet_graph_2

Edge	Weight	Source	Destination
1.1	3	A	D
1.2	3	D	A
2.1	1	D	B
2.2	1	B	D
3.1	2	D	E
3.2	2	E	D
4.1	1	E	C
4.2	1	C	E

Total weight=7

Expected minimum spanning tree for vvardenfell_graph

Total weight = 1128 km