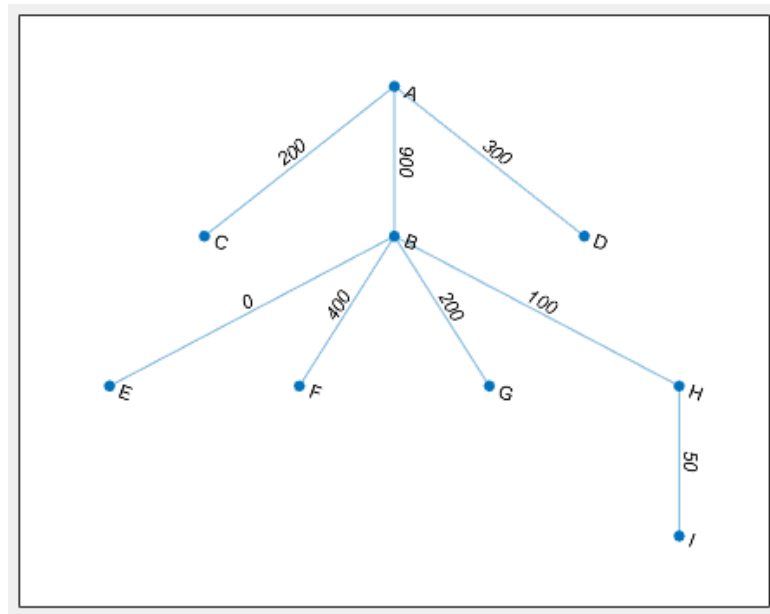
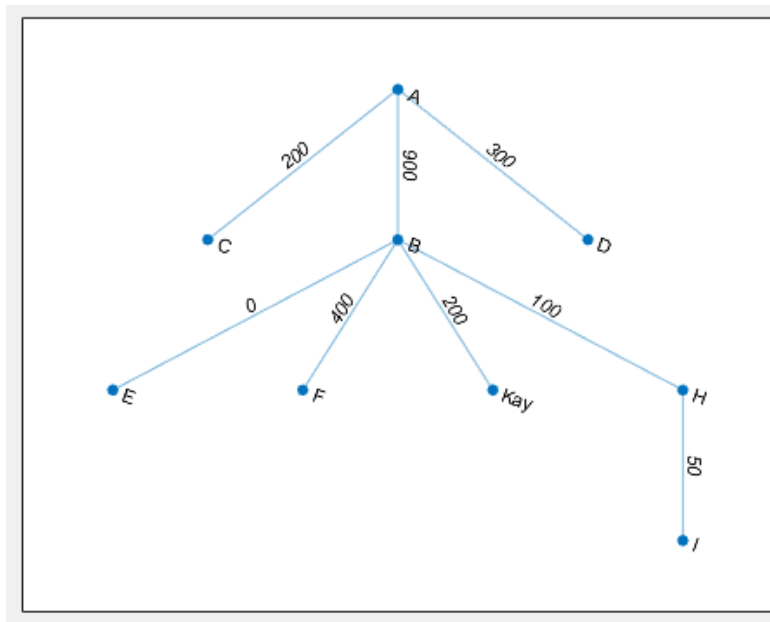


Part 1



Initial graph produced by provided code.

Part 2



Graph from provided code, with node 7 modified to my name.

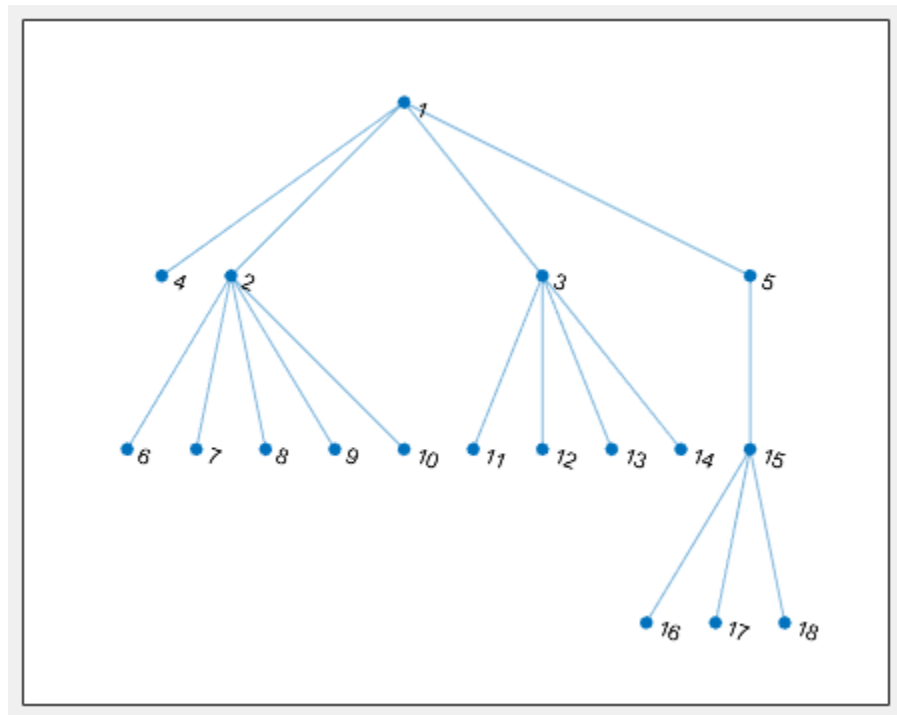
Part 3

The output `nodeList` from the breadth-first search is as follows:

`nodeList =`

1 3 5 4 2 14 11 12 13 15

Part 4



The graph as explored in part 3.

Part 5

`nodeList2 =`

1 2 8 9 7 10 6 4 5 15

`nodeList3 =`

1 3 14 11 12 13 5 15