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Writing Assignment 4

1. Given an undirected graph with n nodes.
   1. If graph had smallest number of edges:
      1. The minimum number of edges with respect to n, in a connected graph, will have n edges.
      2. With n=5 nodes there will be 5 edges to make sure the graph is connected, this will result in there only being 1 full cycle in the graph.



* + 1. This graph is called a connected graph, where each has a unique connection to