Hints for the line graph exercise on HW 4

1. Think about what the degree of a vertex in $L(G)$ has to do with the degrees of vertices the corresponding edge connects in G.
2. If G has isolated vertices, do they affect $L(G)$?
3. You can show $L(G)$ is connected by showing that there exists a path from any vertex to any other vertex. What would such a path in $L(G)$ correspond to in G?