COMPUTER SCIENCE 20, SPRING 2014
Module #19 (Undirected Graphs) - checkin
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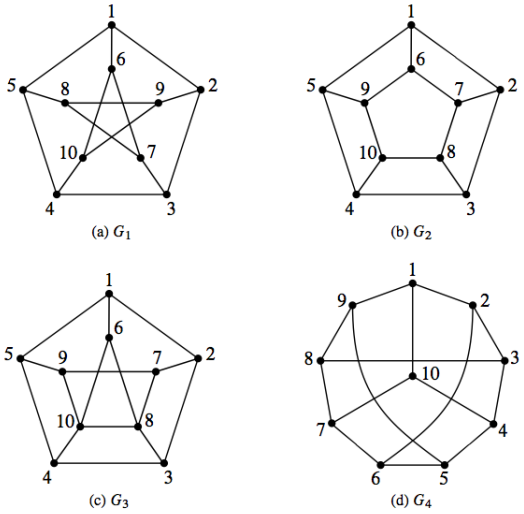
1. Determine which among the four graphs pictured below are isomorphic. If two of these graphs are isomorphic, describe an isomorphism between them. If they are not, give a property that is preserved under isomorphism such that one graph has the property, but the other does not.



$G(3)$ is not isomorphic with the other graphs because of the number of degree of edges. Below is table showing the degree vertex of each of the graph

Node	G(1) Degree Vertex	G(2) Degree Vertex	$G(3)$Degree Vertex	$G(4)$Degree Vertex
1	3	3	3	3
2	3	3	3	3
3	3	3	3	3
4	3	3	3	3
5	3	3	3	3
6	3	3	3	3
7	3	3	3	3
8	3	3	4	3
9	3	3	3	3
10	3	3	4	3