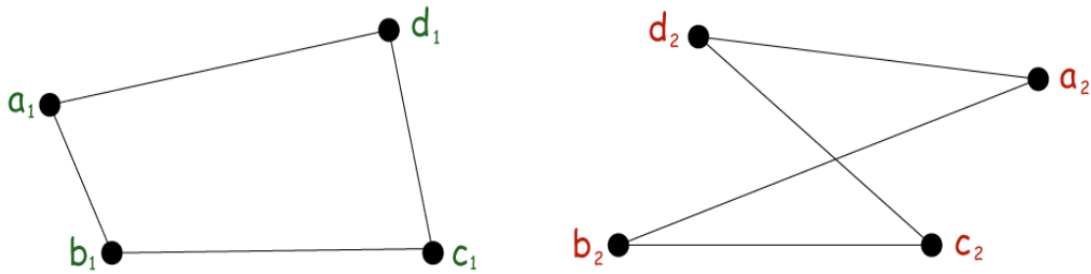


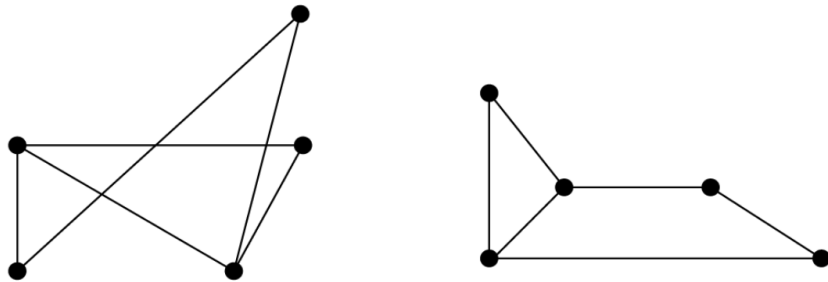
### Assignment Questions on 22-05-2023

1. Prove whether the following two graphs is isomorphic or not.

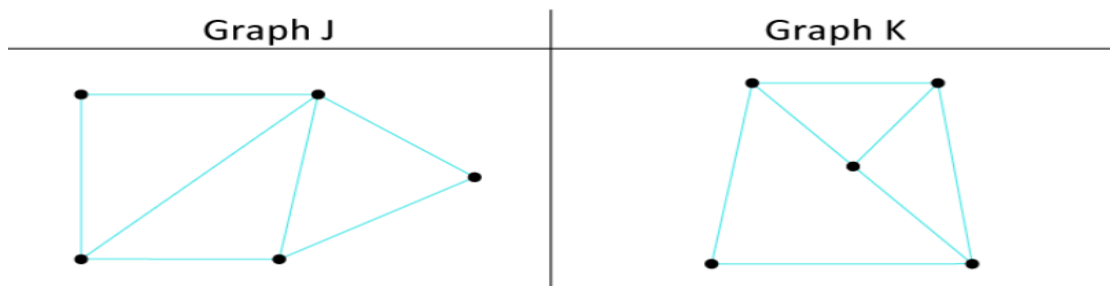


2. Illustrate Isomorphic graphs with the suitable examples.

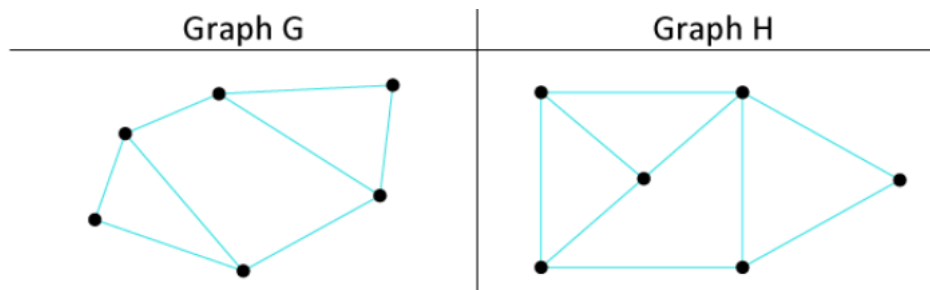
3. Show the following two graphs is isomorphic or not using relabeling method.



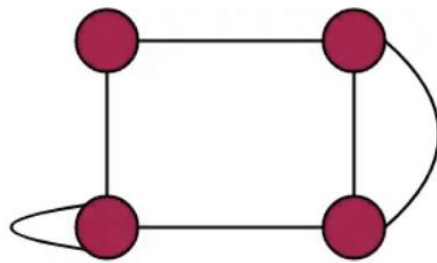
4. Show the following two graphs is isomorphic or not.



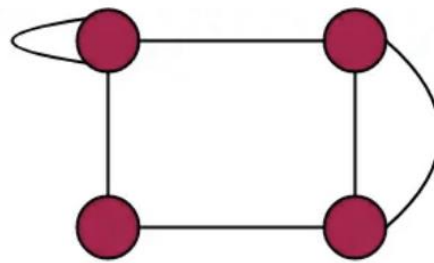
5. Show the following two graphs is isomorphic or not.



6. Are the following two graphs isomorphic?

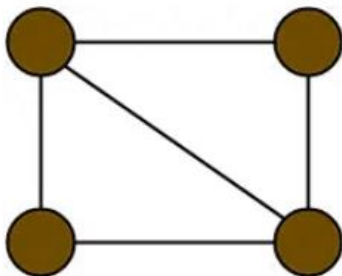


G1

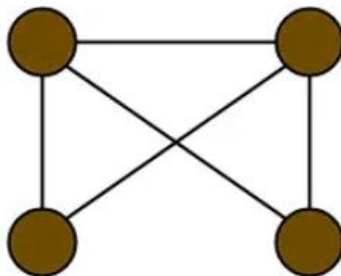


G2

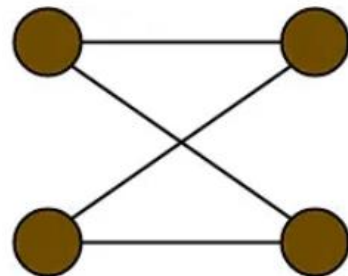
7. Which of the following graphs are isomorphic?



G1



G2



G3

8. Are the following two graphs isomorphic?

