# GPBR Exercise 0

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The entry of ground truth values is 0 when is equal to . On the other hand, the result of the naive graph isomorphism test, entry is 1 when is equal to , which is not match with the ground truth. In addition, graph\_00 is isomorphic to graph\_03 and graph\_04, graph\_02 is isomorphic to graph\_03 and graph\_04, and graph\_03 is isomorphic to graph\_04, but the values in ground truth are 0.

As a result, the naive graph isomorphism test was failed. In some cases, both of the graphs can have an equivalent number of nodes and edges but different structures. For example, graph\_00 and graph\_04 have the same number of nodes and edges, but they are not isomorphic because their structures are different.