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Ans 1/0 3

MTWTFSS

(i)

$$\begin{bmatrix} 0 & 1 & 0 & 1 \\ 1 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 1 & 1 & 1 & 0 \end{bmatrix} \cdot \begin{bmatrix} 0 & 1 & 1 & 1 \\ 1 & 0 & 0 & 1 \\ 1 & 0 & 0 & 1 \\ 1 & 1 & 1 & 0 \end{bmatrix}$$

A contains 8 ones and thus the simple graph corresponding to A contains 8 connections.

B contains 10 ones and thus simple graph corresponding to A contains 10 connections.

Since the number of connect of the two graph are not the same, the same graph are not isomorphic.

graph are not isomorphic.