Question 2

Consider the same network, and assume the nodes are fully interconnected; i.e. $c_{ij} > 0$, $\forall_{ij}$, but now packets are sent to a randomly picked intermediary, then routed directly to the correct output.

(a) Pick values of c_{ij} that will support a traffic matrix $\lambda_{ij} = \frac{1}{N}$.

(b) What values of c_{ij} allow us to support <u>any legal</u> traffic matrix?