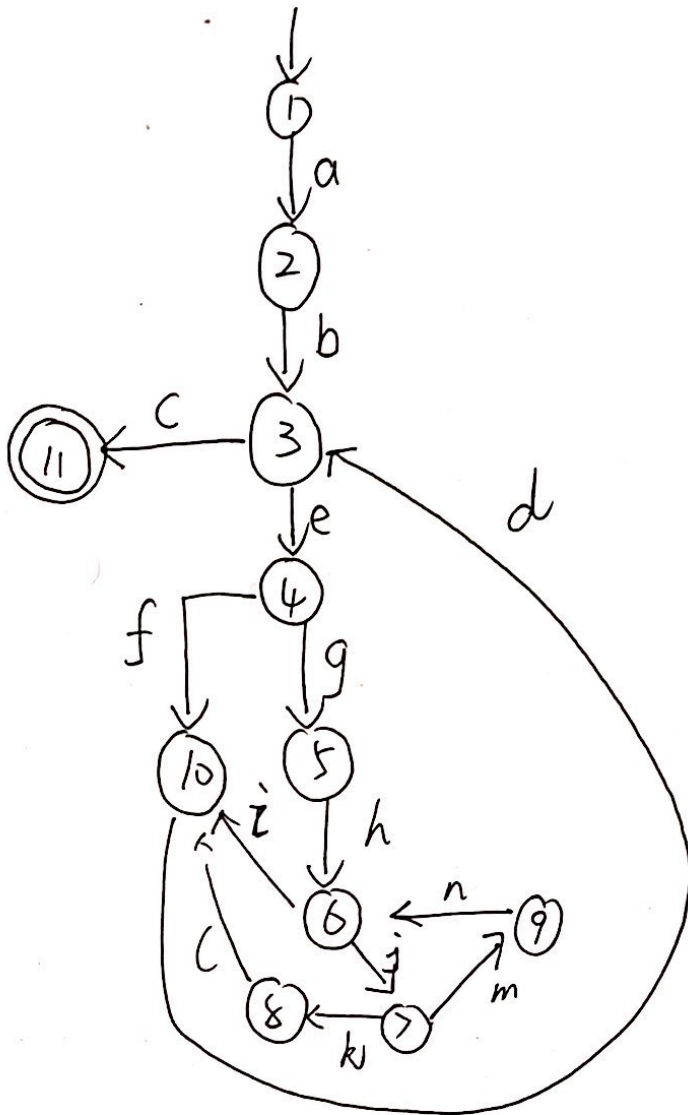


① Assign edge label



② ~~Simply~~ simplify path expression

$$\textcircled{1} \rightarrow ab(efd + ghid + eghjcmn) * (kd) * c \rightarrow \textcircled{11}$$

③ Maximum ~~number~~ number of path:
I assign 'x' with 5 and 2.

$$1 * (1 * 1 * 1 + 1 * 1 * 1 * 1 + 1 * 1 * 1 * 1 * 1) \sum_{i=0}^5 1^i * (1 * 1 * 1 * 1) \frac{0-2}{*1}$$

$$= \sum_{i=0}^2 (1 + 6) 2^i = 8^0 + 8^1 + 8^2 = 1 + 8 + 64 = 73$$



④ Minimum ~~num~~ number of path:

$$/* (1 + 1 + 1 * 1)^{0-2} */$$

$$= \text{Max}(1, 3, 1) = 3$$

