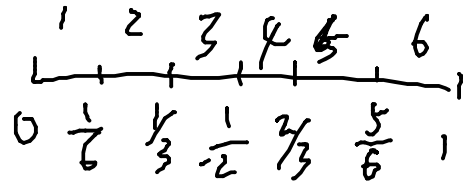


$$\text{Num} = 4$$

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$$P(\text{Num} = 4) = \frac{1}{6} \times \frac{1}{6} \times \frac{1}{6} \times \frac{1}{6} = \frac{1}{1296}$$

$$P(\text{Num} = 24) = \frac{1}{1296}$$

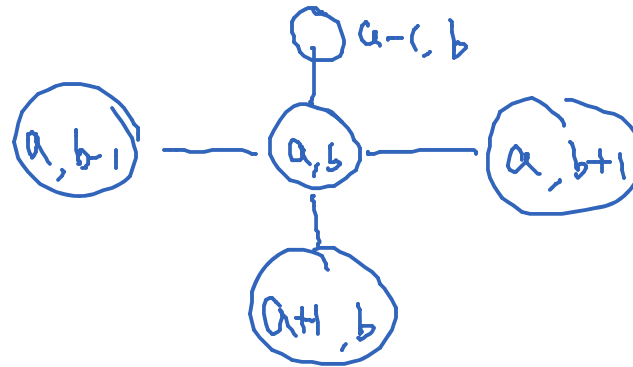


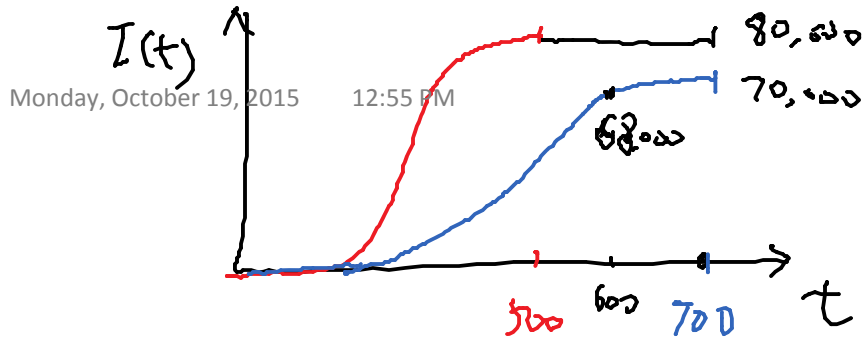
Upper node:  $(a-1, b)$ , Down node:  $(a+1, b)$   
 Left node:  $(a, b-1)$ , right node:  $(a, b+1)$

$\left\{ \begin{array}{l} U \rightarrow a \\ U \rightarrow b \\ U \rightarrow c \\ U \rightarrow d \end{array} \right.$   


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 Num





$\vec{I}$   $\rightarrow$  vector

$X = \text{zeros}(m, n);$

$$\overline{I(700)} = \frac{80000 + 70000}{2}$$

$$\overline{I(600)} = \frac{80000 + 68000}{2}$$

$(i, j) \rightarrow x = X(i, j)$

