$$x_2 + y_3 = 100 + y_3 - x_1$$

$$\times_2 + \times_1 = 100$$

1)
$$\chi_1 + \chi_2 = 100$$

$$2$$
 $\times_1 = \times_5 + \times_3$

$$X_1 - X_3 - X_5 = 0$$

3)
$$\chi_2 + \chi_3 = \chi_4$$
 \forall $\chi_4 + \chi_5 = (00)$

$$X_2+X_3-X_4=0$$

 $X_4+X_5=(00)$

$$\begin{bmatrix}
1 & 1 & 0 & 0 & 0 \\
1 & 0 & -1 & 0 & -1 \\
0 & 1 & 1 & -1 & 0
\end{bmatrix}
\begin{bmatrix}
x_1 \\
x_2 \\
x_3 \\
x_4 \\
x_5
\end{bmatrix}
=
\begin{bmatrix}
100 \\
0 \\
100
\end{bmatrix}$$

$$\begin{bmatrix}
1 & 1 & 0 & 0 \\
1 & 0 & -1 & 0 \\
0 & 1 & 1 & -1 \\
0 & 0 & 0
\end{bmatrix}
\begin{bmatrix}
X_1 \\
X_2 \\
X_3 \\
X_4
\end{bmatrix}$$

$$\begin{bmatrix}
100 \\
X^5 \\
0 \\
100 - X_5
\end{bmatrix}$$

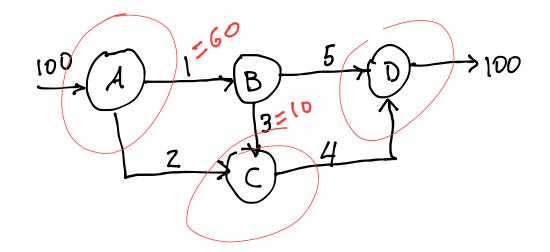
$$X_1 + X_2 = 100$$
 $X_1 - X_3 - X_5 = 0$
 $X_2 + X_3 - X_4 = 0$
 $X_4 + X_5 = 100$

$$X_1 = 100 - X_2$$
 $X_1 - X_3 - X_5 = 0$
 $X_3 - X_4 = -X_2$
 $X_4 + X_5 = 100$

$$A \times = B$$

$$\|A \times - B\|_{min}$$

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



$$\times_{1} = 60$$

$$\times_{3} = 10$$