Gaussian elimination

$$\begin{array}{c} (RI) 2x + 3y - 47 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 5y - 7 = 12 \\ (RI) 2x + 3y + 7 = 12 \\ (RI) 2x + 3y + 7 = 12 \\ (RI) 2x + 7 = 12 \\ (RI) 2x$$

$$\begin{array}{c} (R1) & 2 \times +3 & 4 - 47 = 10 \\ (R1) & 0 \times +\frac{7}{2} & 9 + 7 = 6 \\ (R3) & (3 \times) + (7 + 9 - 37 = 0) \\ (R3) & (3 \times) + (7 + 9 - 37 = 0) \\ (R3) & (3 \times) + (7 + 9 - 9 - 10) \\ (R3) & (3 \times) + (7 + 9 - 10) \\ (R3) & (3 \times)$$

22 +34 - 47 = 12 の2十元日十七=6

We have aik 2/2 = 6k -> for row i Joe row j [] Je all column k > i

a', k > a; k - a; k + l; i $(2) \ b_{\circ}^{r} \rightarrow b_{\circ} - b_{\circ}^{r} +$ (=) j=2 Lér = a21 = 1 . (multiply a1k)
Then substact from ack ex replace as2 more