(2). -1 A-1 A = A-A-1 = I ; we know. so, if we make augmented matrix such that-I, if me perform Elem von op. m. such that left side matrix's 2nd sow becomes I's 2nd row. Then right side we'll get the answer. Augmented Matrix $\begin{bmatrix} 1 & -2 & 29 & 10 & 09 \\ 2 & -3 & 5 & 10 & 11 \\ 1 & -1 & 4 & 10 & 0 \\ 1 & 0 & 0 & 0 \\ 1 & 0$ $\begin{array}{c} R_2 \rightarrow R_2 - 2R_1 \\ \downarrow R_3 \rightarrow R_3 - R_1 \end{array}$ 2 1 0 0 0 7 2 1 0 0 1 2 1 0 0 1 $\downarrow R_3 \rightarrow R_3 - R_2$ $\begin{bmatrix} 1 & -2 & 1 & 1 & 1 & 0 \\ 0 & 1 & 1 & 1 & -2 & 1 \\ 0 & 0 & 1 & 1 & 1 & -2 & 1 \\ -1 & 0 & 0 & 1 & 1 & 1 & -1 \end{bmatrix}$ J R2-12-R3 So, 2nd Row