[1 1 : 1 0]
[1 -1 : 0 1]
=================================
-1R1 + R2 --> R2
[1 1 : 1 0]
[0 -2 : -1 1]
=================================
R2/-2 --> R2
[1 1 : 1 0]
[0 1 : 0.5 -0.5]
=================================
-1R2 + R1 --> R1
[1 0 : 0.5 0.5]
[0 1 : 0.5 -0.5]
=================================
X = A^-1 . b :
[0.5 0.5] [4]
[0.5 -0.5] [2] =

x= [3]
    [1]
X1 = 3
X2 = 1