EXTRA CREDIT QUESTION:

2. Can you find a way to estimate the intrinsic and extrinsic parameters from only two images of the grid? What assumptions on the intrinsic parameters are needed to achieve this. (Hint the answer can be found in Sec 2.4)

We know that if we observe n images of the model plane, we have Vb = 0 where V is a 2n X 6 matrix.
When we have n>=3 we have a unique solution b fro Vb = 0 defined up to a scale factor. But when we have only two images, i.e. n=2, we will have to impose a skewness constraint where gamma = 0, that is, [0,1,0,0,0,0]b = 0, which is added as an additional equation, i.e, if only 2 images are available, we can impose the skewness constraint $\gamma = 0$.
But if we have n=1, we can only solve two camera intrinsic parameters alpha and beta, assuming u_0 and v_0 are known and gamma = 0.