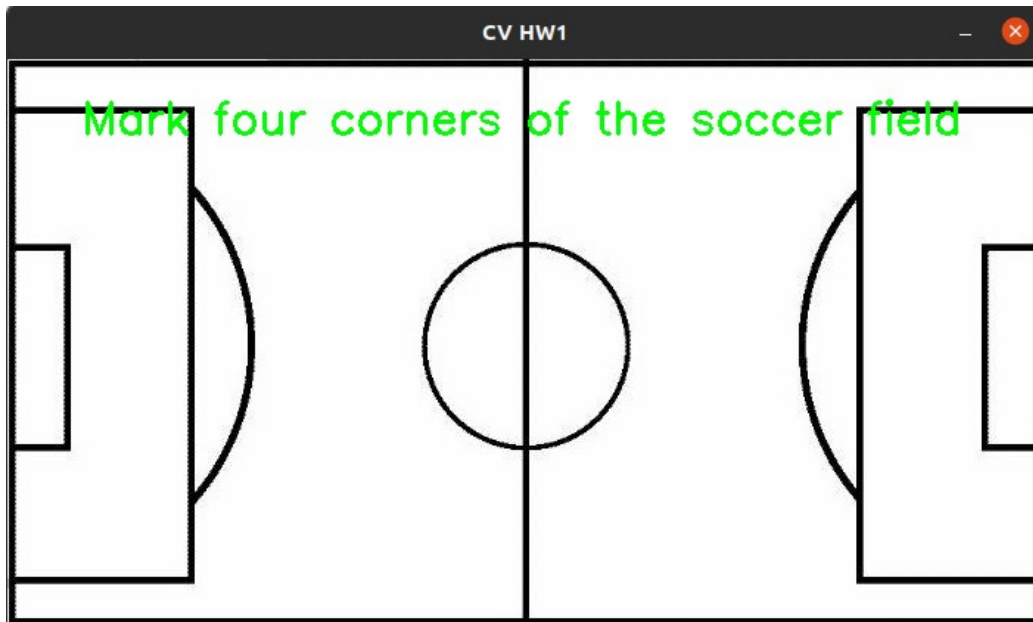


CSE463 – Introduction to Computer Vision – HW1 Report
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Design

This homework is prepared in the jupyter notebook and every step of it has explanation below it. Simply it takes a photo from standard camera input, using it as the source image, calculates the homography using the destination picture (straight one). Finally it shows the corrected version of the source image.



Above image is the desired version of the image. We pick 4 corner points by clicking with mouse. After clicking 4 times press an arbitrary key to finish this chapter.



After that the other part asks user to pick 4 more corners from the source image. As it before, press any key to close this one after picking corners.

The other chunks are simply calculating the homography and shows the resulting corrected versions of input images.

Results

