In this file I will write answers to questions asked by the students regarding HW1.

27.10.18

Regarding Question Aa:

1. There was a missing word: should be "1×3 white patch on a **black** background".
2. Let $I_c = M * I$ be the result of convolving an image I with a mask M. Consider a pixel p in the image I such that the intensities in the submatrix around p are given by the matrix $I(p_y - 2{:}\, p_y + 2, p_x - 2{:}\, p_y + 2) =$ [0 0 0 0 0; 0 0 0 0 0; 0 255 255 255 0; 0 0 0 0 0; 0 0 0 0 0]. You are asked to define M such that $I_c(p)$ will have the maximal value in I_c. Not that I may have any arbitrary values in all other regions.