

Assignment 11

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Assignment 11



- Develop a program which counts the number of people in a frame
 - Modify pixel-based background subtraction implemented in assignment 10
 - Or you may use other background methods provided in openCV (e.g., MoG2)
 - Read 'background.mp4' as gray-scale
 - ~~Set background image as the average of the first 10 frames~~
 - You can use any threshold for background subtraction
 - You can use any type of **morphological operation**
 - You can use any constraints on the size of bounding rectangle
 - To measure the performance of the system, we will use the first 10 seconds of the input video

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- Your program should display one window
 - 'Number of people'
 - It should display the original video with text info. about the number of people in the current frame