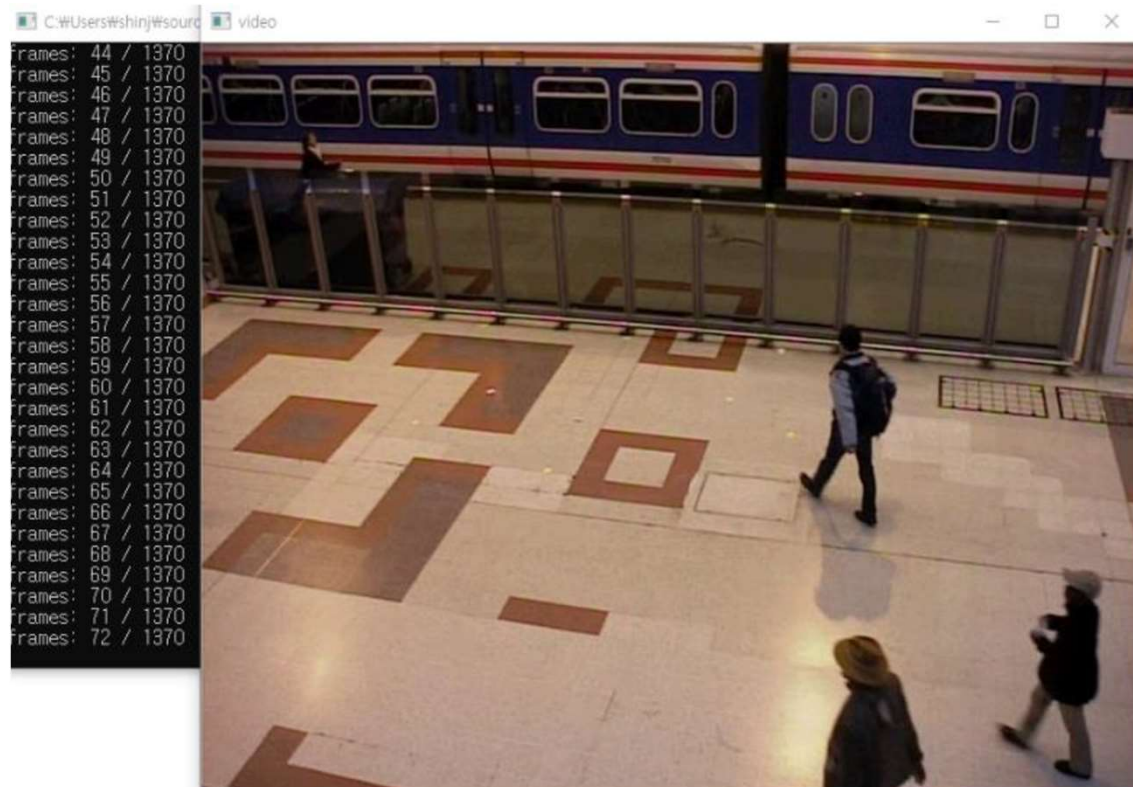


HW1

❖ Please follow the instructions below.

- ✓ Read a video "background.mp4"
- ✓ Display video for the first 3 seconds
- ✓ Find out the proper input parameter for waitKey()
- ✓ Print out the number of the current frame and the total number of frames



HW2

❖ Please follow the instructions below.

- ✓ Read an image "lena.png"
- ✓ Perform the following operations
 - Negative transformation (Result mat: negative_img)
 - Log transformation (Result mat: log_img)
 - » Use `log(mat a)` function to perform log operation
 - » To use log function, pixel type of input should be floating point
 - » Also use `normalize(img, img, 0, 255, NORM_MINMAX)`
 - normalize img to (0~255)
 - Gamma transformation with gamma as 0.5 (Result mat gamma_img)
 - » Make sure you normalize pixel values from 0 to 1.0