

# Image Decimation Exercise [Help]

**Help:** The following tips will help you complete this exercise:

- The indexes for the output image must increase by a step of 1, while the indexes for the input image must increase by a step of  $d$ , where  $d$  is the decimation factor.
- When displaying the image, if it is entirely white or black, try specifying its data type using the `.astype()` function.