

03_homework

Introduction to Computer Vision

Name: _____

Date: _____

2D Convolution Practice: Code

Convert the 02_homework convolution into code, print the result as an array of numbers, and display it as an image.

Input

231	221	214	249
159	122	215	120
31	222	35	39
3	134	107	131

Kernel

$\frac{1}{9}$	0	0
$\frac{1}{3}$	$\frac{1}{9}$	$\frac{1}{3}$
0	0	$\frac{1}{9}$