1. Pytorch:Sliding Window to 2D

Task: Given [0, 1, 2, ..., 14], create a 2D matrix with a window length of 4 (each row is a sliding window).

Example

* Input: [0, 1, 2, ..., 14]
* Window: 4
* Output: (Each row is [i, i+1, i+2, i+3] for i=0 ... 11)

A computer screen shot of a computer code

AI-generated content may be incorrect.

2.Using tensorlfow to write a program to generate salt & peper noise on an image and use a Gausian filter 3x3 to smooth the image

A computer screen shot of a program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

3. Optical Flow: Horn-Schunck

A computer screen shot of a program

AI-generated content may be incorrect.

A computer screen with text and images

AI-generated content may be incorrect.