Image translation

Image translation

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1. Implementation principle

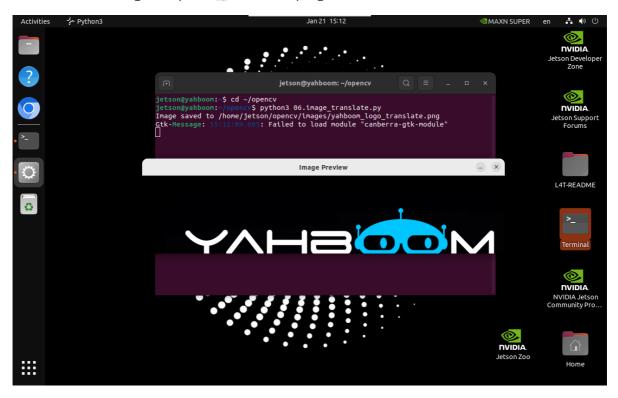
Use cv2.warpAffine() function to perform affine transformation (translation, rotation, scaling and shearing) on the image.

2. Implementation effect

```
cd ~/opencv

python3 06.image_translate.py
```

Note: Select the image and press q to exit the program!



3. Implementation code

```
import cv2
import numpy as np

def translate_image(input_path, output_path, tx, ty):
    image = cv2.imread(input_path)
    if image is None:
        print("Error: Unable to open image file.")
```