# **Image scaling**

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- 1. Implementation principle
- 2. Implementation effect
- 3. Implementation code

#### 1. Implementation principle

Use cv2.resize() function to adjust the image size.

### 2. Implementation effect

```
cd ~/opencv

python3 04.image_resize.py
```

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



## 3. Implementation code

```
import cv2

def resize_image(input_path, output_path, size):
    image = cv2.imread(input_path)
    if image is None:
        print("Error: Unable to open image file.")
        return
    resized_image = cv2.resize(image, size)
```