Let's take an image and apply a convolution layer, followed by an activation layer and a pooling layer, to extract its internal features.

Steps we have to follow

1. import the necessary libraries
2. set the parameter
3. define the kernel
4. Load the image and plot it.
5. Reformat the image
6. Apply convolution layer operation and plot the output image.
7. Apply activation layer operation and plot the output image.
8. Apply pooling layer operation and plot the output image.