

In [1]: `import numpy as np`

In [2]: `import matplotlib.pyplot as plt`

In [3]: `from PIL import Image #python imageing library`

In [4]: `img=Image.open(r"C:\Users\Ramya\Downloads\rose.jpg")`

In [5]: `img`

Out[5]:



In [17]: `img=Image.open(r"C:\Users\Ramya\Downloads\shinchan.jpg")`

In [18]: `img`

Out[18]:



In [12]: `img=Image.open(r"C:\Users\Ramya\OneDrive\Pictures\Screenshots\Screenshot 2025-06`

In [8]: `img`

Out[8]:



In [9]: `img`

Out[9]:



In [10]: `type(img)`

Out[10]: `PIL.PngImagePlugin.PngImageFile`

In [11]: `img_arr=np.asarray(img)`
`img_arr`

```
Out[11]: array([[ 31,  47,  80, 255],
               [ 32,  50,  81, 255],
               [ 34,  51,  83, 255],
               ...,
               [ 32,  50,  82, 255],
               [ 37,  46,  61, 255],
               [ 40,  40,  40, 255]],

              [[ 31,  47,  79, 255],
               [ 33,  50,  82, 255],
               [ 33,  48,  81, 255],
               ...,
               [ 32,  51,  83, 255],
               [ 37,  46,  61, 255],
               [ 40,  40,  40, 255]],

              [[ 30,  45,  78, 255],
               [ 32,  50,  82, 255],
               [ 34,  50,  82, 255],
               ...,
               [ 33,  50,  82, 255],
               [ 37,  46,  62, 255],
               [ 40,  40,  40, 255]],

              ...,

              [[ 31,  46,  79, 255],
               [ 33,  48,  81, 255],
               [ 33,  48,  81, 255],
               ...,
               [ 31,  46,  79, 255],
               [ 36,  43,  60, 255],
               [ 40,  40,  40, 255]],

              [[ 30,  45,  78, 255],
               [ 32,  47,  80, 255],
               [ 33,  49,  81, 255],
               ...,
               [ 31,  47,  79, 255],
               [ 36,  44,  60, 255],
               [ 40,  40,  40, 255]],

              [[ 30,  45,  78, 255],
               [ 31,  46,  79, 255],
               [ 34,  49,  81, 255],
               ...,
               [ 31,  47,  80, 255],
               [ 36,  43,  60, 255],
               [ 40,  40,  40, 255]]], dtype=uint8)
```

In []: