

In [1]: `pip install Pillow`

Requirement already satisfied: Pillow in /opt/anaconda3/lib/python3.11/site-packages (10.2.0)

Note: you may need to restart the kernel to use updated packages.

In [37]: `from PIL import Image`

```
def mostCommonColor(image):
    img = Image.open(image)
    img = img.resize((400,400))
    width,height=img.size
    img = img.convert('RGB')
    color_count = {}
    #count frequency of pixels
    for x in range(width):
        for y in range(height):
            rgb= img.getpixel((x,y))
            if(rgb in color_count):
                color_count[rgb] += 1
            else:
                color_count[rgb] = 1
    # Find the most frequent color
    most_frequent_color = max(color_count, key=color_count.get)
    most_frequent_count = color_count[most_frequent_color]

    print(f"The most frequent color is: {most_frequent_color} appearing {most_frequent_count} times")

file="AnalyseColor.jpeg"
mostCommonColor(file)
```

The most frequent color is: (255, 255, 255) appearing 52 times