

This is pretty much a stegano chall.

There are a bunch of pngs embedded, which can be extracted with binwalk.

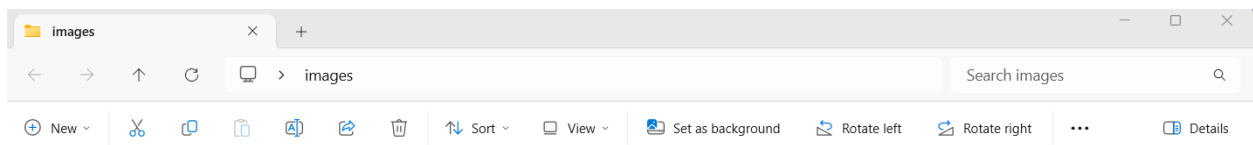
Each of them contains white pixels and some other non-white pixels. We need to combine all these images.

However, before doing so, we need to rotate them so that the coloured pixels are all in the top half of the image.

Then, we combine the images:

```
from PIL import Image
import os
folder_path = 'images'
image_files = [f for f in os.listdir(folder_path) if f.endswith('.png')]
first_image = Image.open(os.path.join(folder_path, image_files[0]))
width, height = first_image.size
combined_image = Image.new('RGBA', (width, height), (255, 255, 255, 255))
for image_file in image_files:
    img = Image.open(os.path.join(folder_path, image_file)).convert('RGBA')
    img_pixels = img.load()
    combined_pixels = combined_image.load()
    for y in range(height):
        for x in range(width):
            pixel = img_pixels[x, y]
            if pixel[:3] != (255, 255, 255):
                combined_pixels[x, y] = pixel
combined_image.save('combined_image.png')
```

For reference, I saved the pngs on windows in images folder.



I used Rotate left and Rotate right to rotate the images.

In the end if everything is done right we have an image with the flag, made up of small colorful pixels, like a mosaic.

**Made with love by: AndreiCat**