

# If we extract the image and we use binwalk, we can see 18 ".png" files hidden. We download them. Then, we need to combine them to get the flag because there are just small pieces of each image.



# We also need to rotate the images in one direction. I used "Rotate right" or "Rotate left" command when i clicked right on a image. Then we get something like :

ECSC{9263b364981562d7c  
07207cdb2ca0793a31f4ab09e10fa  
78a3e78dc04e9dec96}

I used the following Python code to combine the images :

[images.py](#)

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```
from PIL import Image
import os
```

```
image_folder = "./images"
image_prefix = "img"
image_ext = ".png"
image_count = 18
```

```
# Loading the first image
base_image = Image.open(os.path.join(image_folder,
f"{image_prefix}1{image_ext}")).convert("RGBA")
w, h = base_image.size
```

```
# The rest of the images
for i in range(2, image_count + 1):
    img_path = os.path.join(image_folder, f"{image_prefix}{i}{image_ext}")
    overlay = Image.open(img_path).convert("RGBA")
```

```
# Removing the white bg ( alfa = 0 )
datas = overlay.getdata()
new_data = []
for item in datas:
    if item[:3] == (255, 255, 255):
        new_data.append((255, 255, 255, 0)) # Making the white pixel transparent
```

```
    else:
        new_data.append(item)
    overlay.putdata(new_data)

# Overlay the images
base_image.alpha_composite(overlay)

base_image.save("output_overlay.png")
print("saved")
```

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THE FLAG :

ECSC{9263b364981562d7c07207cdb2ca0793a31f4ab09e10fa78a3e78dc04e9dec96}

~Z4que