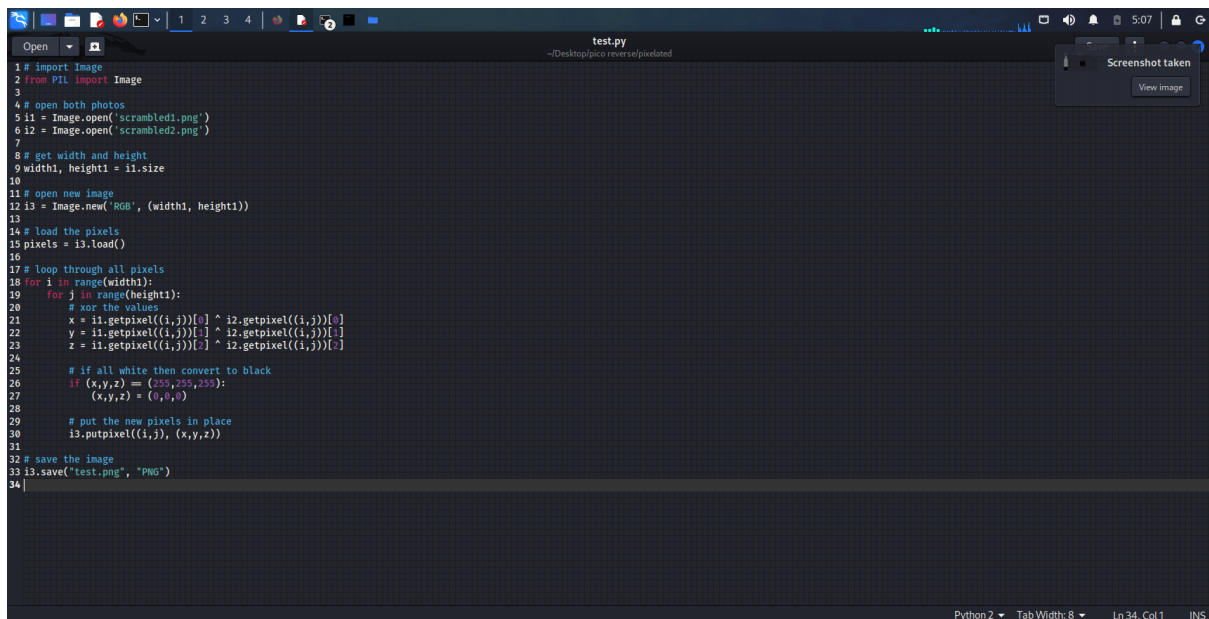


You will get this type of image



Use this program to xor the images pixels

```
# import Image
```

```
from PIL import Image
```

```
# open both photos
```

```
i1 = Image.open('scrambled1.png')
```

```
i2 = Image.open('scrambled2.png')
```

```
# get width and height
```

```
width1, height1 = i1.size
```

```
# open new image
```

```
i3 = Image.new('RGB', (width1, height1))
```

```
# load the pixels
```

```
pixels = i3.load()
```

```
# loop through all pixels
```

```
for i in range(width1):
```

```
    for j in range(height1):
```

```
        # xor the values
```

```
        x = i1.getpixel((i,j))[0] ^ i2.getpixel((i,j))[0]
```

```
        y = i1.getpixel((i,j))[1] ^ i2.getpixel((i,j))[1]
```

```
        z = i1.getpixel((i,j))[2] ^ i2.getpixel((i,j))[2]
```

```
# if all white then convert to black
```

```
if (x,y,z) == (255,255,255):
```

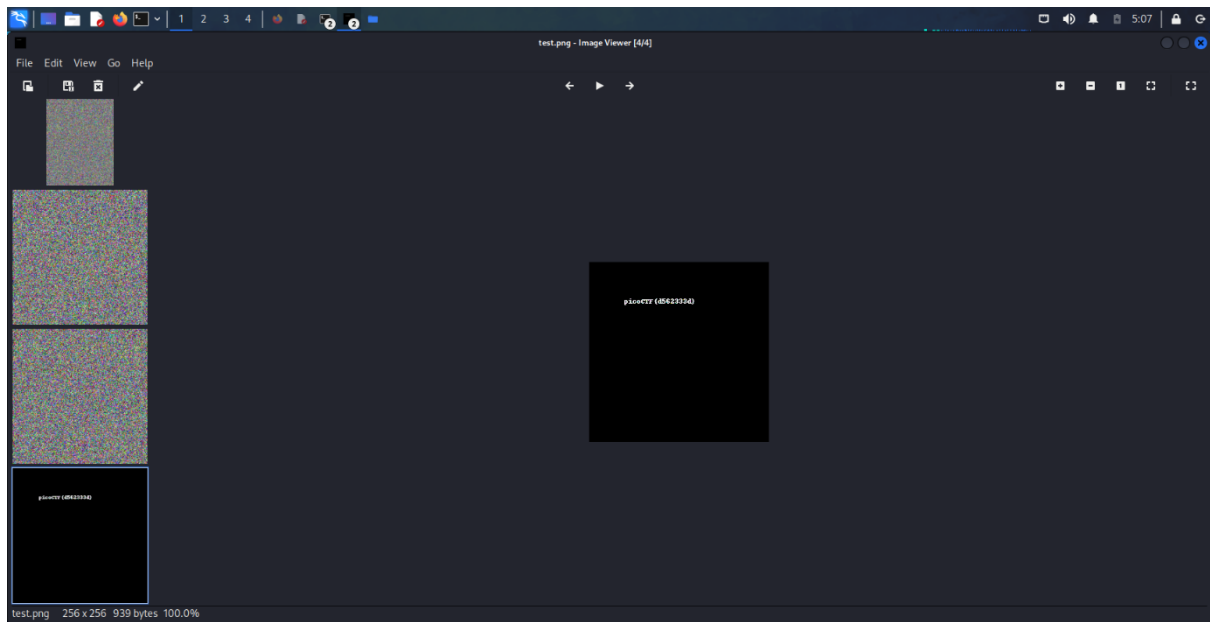
```
    (x,y,z) = (0,0,0)
```

```
# put the new pixels in place
```

```
i3.putpixel((i,j), (x,y,z))
```

```
# save the image
```

```
i3.save("test.png", "PNG")
```



You will get the flag