```
import matplotlib.pyplot as plt
import numpy as np
def check_if_box_is_empty(shape_check):
def split in four(shape x, shape y, shape size):
int(shape y[0]):int(shape y[1])] = False
   binary[int(shape x[0]):int(shape x[1]), int((shape y[1] + shape y[0]) /
   shape3 = ((shape x[1] + shape x[0]) / 2, shape x[1]), \
             (shape y[0], (shape y[1] + shape y[0]) / 2), shape size
             ((shape_y[1] + shape_y[0]) / 2, shape_y[1]), shape_size
    if check if box is empty(shape main) and shape main[2] < i:</pre>
        shape main = list(shape main)
       main(shape1, i)
```

```
image = skimage.io.imread('Tel280.png', as_gray=True)
thresh = skimage.filters.threshold_otsu(image)
binary = image > thresh
df = pd.DataFrame(binary)
shape_max = np.shape(image)

shape_x_direction = (7, shape_max[0] - 9)  # To remove frame
shape_y_direction = (6, shape_max[1] - 8)
shape = (shape_x_direction, shape_y_direction, 0)
number_of_splits = 100

main(shape, number_of_splits)
plt.imshow(binary, cmap=plt.cm.gray)
plt.show()
```

