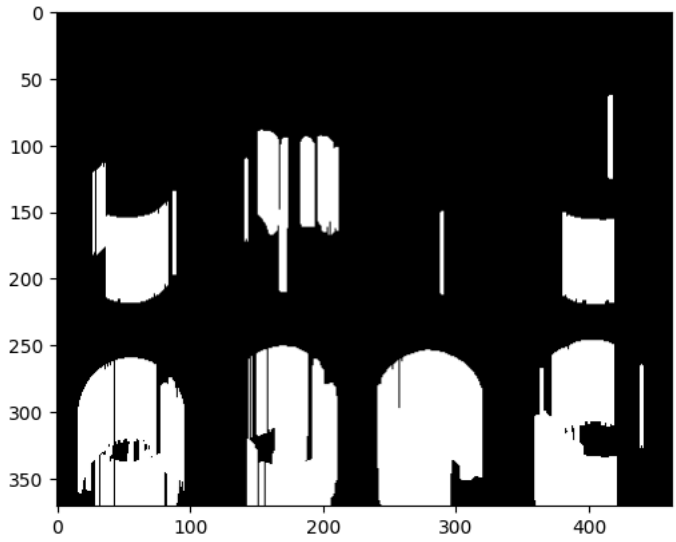
```python
# HALİL ÖZBUDAK 2023688053
import cv2
import matplotlib.pyplot as plt
import numpy as np


para_bgr = cv2.imread("7.png")
para_bgr = cv2.cvtColor(para_bgr, cv2.COLOR_BGR2RGB)
plt.imshow(para_bgr)
plt.show()
para_gri = cv2.cvtColor(para_bgr, cv2.COLOR_RGB2GRAY)
plt.imshow(para_gri, cmap="gray")
plt.show()
bulanik_para = cv2.GaussianBlur(para_gri, (7,7), 0)
_, para_bin = cv2.threshold(bulanik_para, 130, 255, cv2.THRESH_BINARY)
kenar_para = cv2.Canny(para_bin, 100, 200)
kenar_para = cv2.dilate(kenar_para, (1,1), iterations=60)
plt.imshow(kenar_para, cmap="gray")
plt.show()
contours, hierarchy = cv2.findContours(kenar_para,  cv2.RETR_EXTERNAL, cv2.CHAIN_APPROX_SIMPLE)

kontorlu_para = cv2.drawContours(para_bgr, contours, -1, (255,0,0), 4)

for i, kontor in enumerate(contours):
  if cv2.contourArea(kontor) > 180:
    x, y, w, h = cv2.boundingRect(kontor)
    cv2.rectangle(kontorlu_para, (x,y), (x+w, y+h), (0,255,0), 4)
    yazi_kutular = (x+w // 2 - 10 , y+h // 2+5)
    cv2.putText(kontorlu_para, str("H.O"), yazi_kutular, cv2.FONT_HERSHEY_SIMPLEX, 0.7, (0,0,255), 2)
    cv2.putText(kontorlu_para, str(i), (x,y), cv2.FONT_HERSHEY_COMPLEX, 1, (0,0,255), 5)
    print(cv2.contourArea(kontor))
plt.imshow(kontorlu_para)

```




```
2144.5
321.5
4588.5
7714.0
433.0
5149.0
5916.5
```