- **43 Objects are Detected Using img2**

```
image_path = "img2.jpg"

overlay, mask, count = count_and_mask(image_path)
print("Detected Objects:", count)
```
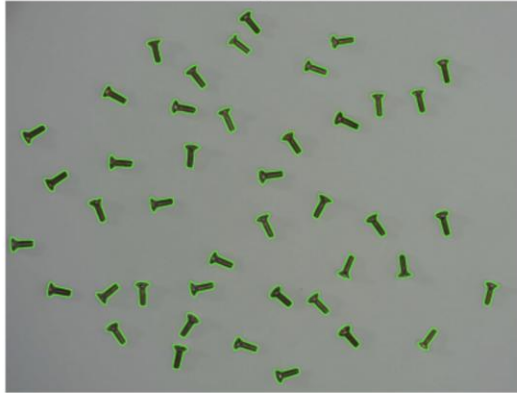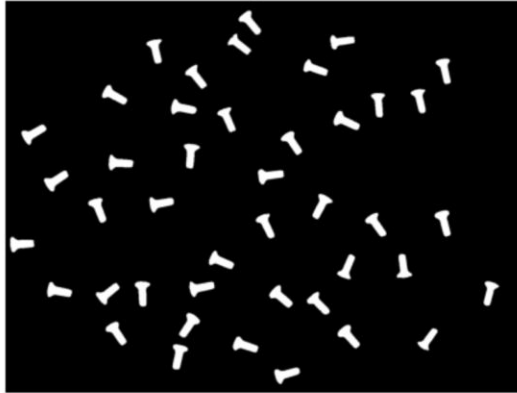```
Detected Objects: 43
```

- **Image Detection and Visualization**



```
ground_truth = 43
accuracy = 1 - abs(count - ground_truth) / ground_truth
print(f"Accuracy: {accuracy * 100:.2f}%")
```
```
Accuracy: 100.00%
```

- **Accuracy ( Can Change Manually)**

```
ground_truth = 43
accuracy = 1 - abs(count - ground_truth) / ground_truth
print(f"Accuracy: {accuracy * 100:.2f}%")
```
```
Accuracy: 100.00%
```