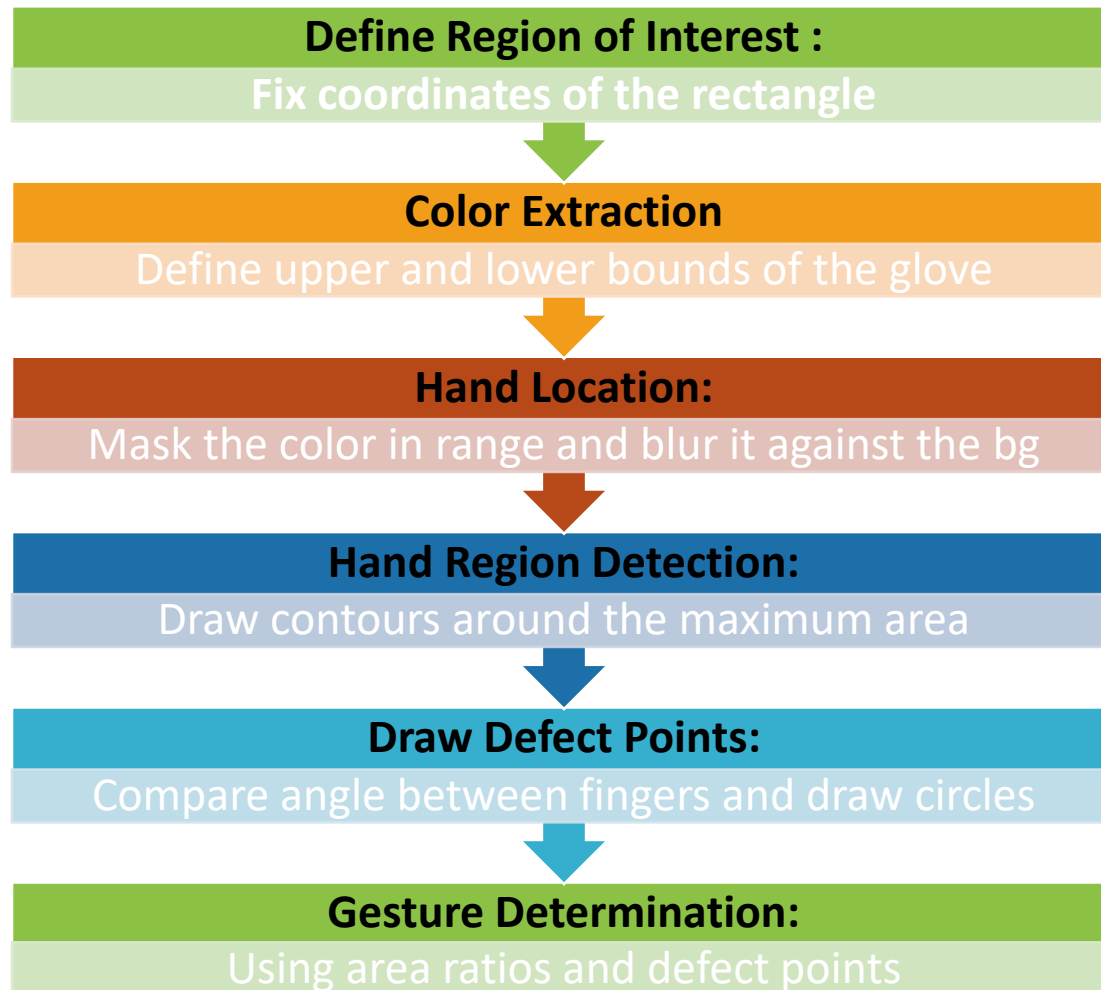


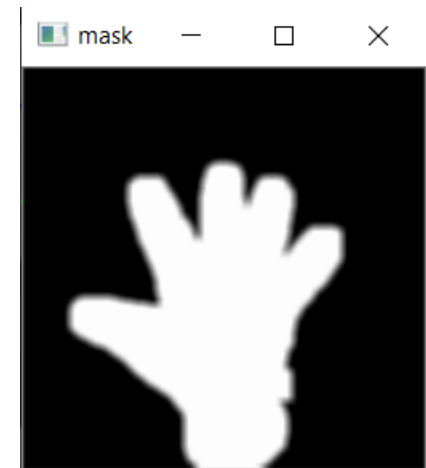
Implementation



Color Extraction

Region Detection

- Examine bounding box.
- Find colors in range [180 255].
- Mask colors in the range with white and all others with black.



```
if angle <= 90 and d > 30:  
    l += 1
```

Area Estimation

- Find area of the contour of the image and area of the maximum contour, i.e. the hand.
- Find the area ratio:
$$\text{arearatio} = ((\text{areahand} - \text{areacnt}) / \text{areacnt}) * 100$$
- Calculate the angle between two fingers and distance between contour and point.
- if** angle <= 90 and d > 30:
 Draw Circle.

