

Copyright: Samwoo Seong

Date: June 9, 2020

### Exercise1.

Using what you have learned through out the video, draw (1) rotated rectangle with given parameters below and (2) a bounding box of the rotated rectangle.

1.Center point: (125, 225)

2.Rotated rectangle height: 80

3.Rotated rectangle width: 120

4.Angle of rotation: 135 degree

5.Color of rotated rectangle: green

6.Color of bounding box: red

Useful classes:

Point, Size, Mat, RotatedRect, Scalar, Rect, etc

Useful methods:

RotatedRect.points(), RotatedRect.boundingRect(), Mat.clone(), etc

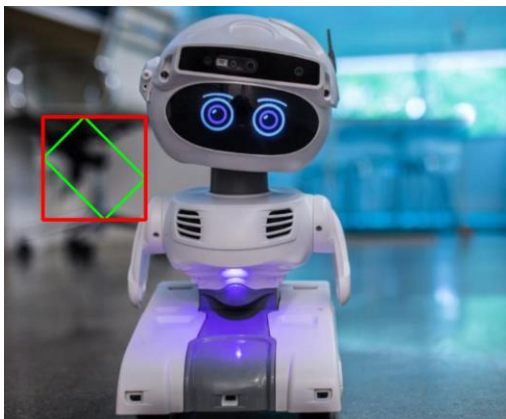
Useful functions:

line(), rectangle(), imshow(), imread(), waitKey(),etc

### Provided file(s):

robot2.jpg

Expected Result:



Copyright: Samwoo Seong

Date: June 9, 2020

## Reference

[1] Robot Image

Available Online:

<https://www.pcmag.com/news/bb-8-has-a-new-sibling-meet-misty-ii-the-3000-customizable-robot>