**STEP-BY-STEP ALGORITHM**

1. Import needed packages
2. Open dialog box for the user to choose the wanted image
3. Get the BGR value of the pixel in position (1,1); this pixel is taken because it will determine the background color of the image
4. Set the upper and lower range for the multiple threshold according to the found BGR value; since the background is not necessarily colored in the same color in every pixel, put offsets for the upper and lower range
5. Find the binary image with the specified multiple threshold
6. Inverse the binary image
7. Do morphology (opening) in order to get rid of potential blips
8. Find all the contours of the binary image
9. Sort the contours according to the contour area, so that the contour with the largest area is in the first position
10. Draw all the found contours
11. Fit the ellipse for the first contour (i.e. the one with the largest area)
12. Find the center, the length of the major and minor axis, and the angle of the fitted ellipse
13. Distinguish between the two found values for the length of the axis in order to select which axis is which
14. Round the found values in order to get a whole number
15. Turn the values into integers
16. Find the GCD (greatest common divisor) of the two acquired values
17. Divide both values with the found GCD to get the aspect ratio
18. Multiply the image with zero to get a black background
19. Resize the image so that the message that is to be inserted fits
20. Define the message with the values converted into strings
21. Put the message in the center of the image
22. Show the message to the user