3. Point-in-circle test

> **Files:** The accompanying files for this assignment are `geoc_lab3.html` and `TestLab3_i.json.js` (for $i = 1, 2$).
> **Delivery:** upload the modified HTML file and any other necessary files to the Racó.

The goal is to classify the relative position of a point with respect to a circle.

Write a program to decide whether a point lies in the interior, the boundary or the exterior of a circle defined by three points.

Mark in **green** the interior points and in **red** the points in the exterior. Use any **color** of your choice for the boundary points, and add a meaningful description for each case. Make sure that your program works properly, no matter whether the three points are given in clockwise or counter-clockwise order.

Your program should be used to correctly classify points and circle appearing in the files `TestLab3_i.json.js` (for $i = 1, 2$). To that end, modify the HTML file in the area signaled with a "TODO" comment.