

Exercise 2

Point position relative to triangle

For deciding the relative position of a point from a triangle that can be define clockwise or counter-clockwise first I calculated the orientation of the points and used its polarity for testing the points to be classified.

Then, I calculated the orientation of the point to be classified and each pair of points that define the edges of the triangle and using the triangle's orientation and these 3 more orientation I decide where is the point.