Given points of a triangle and 2 points p and q, return 0 if triangle points make a degenerate triangle, return 1 if p in triangle, q not in, return 2 if p not in, q in, return 3 if both p and q in, return 4 if neither in the triangle. (In the triangle also means on the edge)

Return the maximum length of a subarray (of an array *nums*)whose sum does not exceed k

Given three points p1, p2, p3, return 0 if it forms a degenerate triangle. If the triangle is not degenerate: given two additional points p4 and p5, return 1 if p4 and p5 are both in triangle, return 2 if p4 in triangle but p5 not in triangle,