CS 230, Quiz 1

Solutions

You will have 5 minutes to complete this quiz. No books, notes, or other aids are permitted.

Problem 1

Below is a simple 2D raytracing setup. The 1D image has four pixels. The three objects (red, green, and blue) are made of wood. The yellow circle is a point light. There are no ambient lights. (1) Draw all of the rays that would be cast while raytracing this scene. (2) Label each pixel with R, G, B, or K to indicate that the pixel would appear Red, Green, Blue, or blacK.