Digital and Embedded Systems
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Tutorial 9 – Image Processing and data transmission

1. Using the Robios library detect if there is a moving red object between two images. Determine if the movement occurred in the left, right or middle section of the image.

2. For the given image determine the hex value sent. Look up what ASCII value has been sent. The message sent has 1 start bit, 1 odd parity bit and a stop bit. Determine if the parity bit is correct. If the bits are to be sent at a baud rate of 115200 determine how often a bit need to be sent and write some c code to send this.