H.W. #2 CpE 100 Spring 2021

Show your work for credit (!) and put a box around each of your answers!

1. Show how to convert the following decimal numbers to octal numbers: 0, 1, 13, 15 (2 points)
2. What are the following hexadecimal numbers in binary, decimal, and octal: 0xA100, FF, 0F9, 0xA10F (4 points)
3. Convert the following decimal numbers into binary and then octal: 5,432 and 79 (2 points)
4. Copy the following LTspice simulation and show, as seen below, how the digital signals b0-b2 generate a 3-bit binary word that counts from 0 to 7. (2 points)