CTI 110

P1HW1 Questions

Name:

Part 1:

1. Write the binary versions of the numbers 0 through 7, in order (one per line)

0 = 00000000

1 = 00000001

2 = 00000010

3 = 00000011

4 = 00000101

5 = 00000110

6 = 00000101

7 = 00000110

2. Write the binary versions of the numbers 8 through 15, in order (one per line)

8 = 00001000

9 = 00001001

10 = 00001010

11 = 00001011

12 = 00001100

13 = 00001101

14 = 00001110

15 = 00001111

3. Convert the following decimal numbers to binary:

11 = 00001011

65 = 01000001

100 = 01100100

255 = 11111111

4. Convert the following binary numbers to decimal:

1101 = 13

1000 = 8

101011 =43

Part 2 ASCII Code

106 097 115 097 110 105