CTI 110\_Assignment M1HW1

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Question\_1: Write the binary versions of the number 0 through 7, in order (one per line)

Binary Decimal

1 1

10 2

11 3

100 4

101 5

110 6

1. 7

Question\_2: Write the binary versions of the number 8 through 15, in order (one per line)

Binary Decimal

1000 8

1001 9

1010 10

1011 11

1100 12

1101 13

1110 14

1111 15

Question\_3: Use what you’ve learned about the binary numbering system in this chapter to convert the following decimal numbers to binary.

Decimal Binary

11 1011

65 0100 0001

100 0110 0100

255 1111 1111

Question\_4: Use what you’ve learned about the binary numbering system in this chapter to convert the following decimal numbers to binary.

Binary Decimal

1101 13

1000 8

101011 43