Worksheet 1/13/2020

1. Convert 211 from decimal system to binary system.

See Example 1 in Lecture 5.

2. Convert 6.13 from decimal system to binary system. Then round your answer to 4 digits after the binary point.

$$6.13 = 6 + 0.13$$

 $(100)_{1}$ $(0.001....)_{1}$
(Example 1) (Example 2)

3. Convert 101.01011 from binary system to decimal system.

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4. Perform the multiplication 1.101×1.111 in binary system. Then round your answer to 3 digits after the binary point.

See the last enample in Lecture 5.