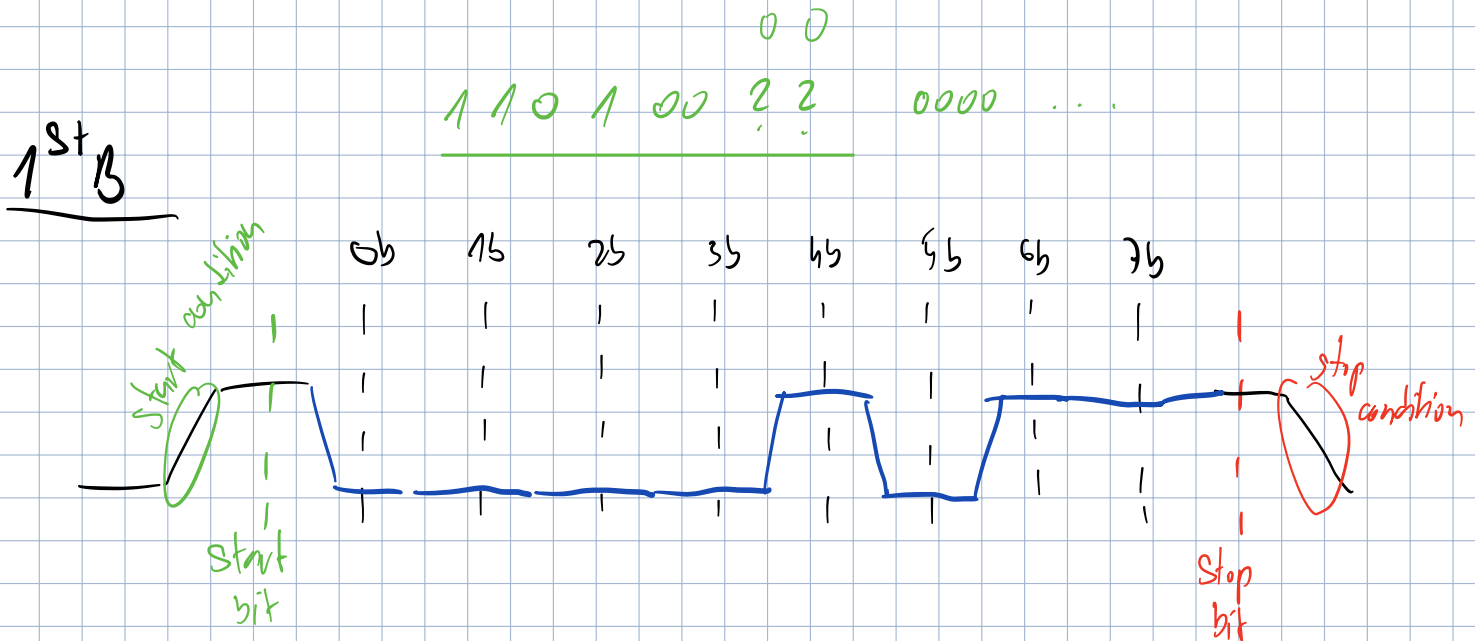


h) $251 = 11111010$



0 0 0 0 0 1 0 0

1 1 1 1 1 1 0 1 1 NOT

① 1 1 1 1 1 1 0 0 TWO's

LSB first:

10 length - 1 Byte (8 bits)

No color map

Uncompressed True-color

width = 00 06 = 5

height = 00 03 = 3

bits/pixel = 24

Top-left

↓ →

$$\frac{367}{16} = 22,9$$

↓ 22 - r\u00f4nden (352) + 15 pixels

0 0 0 0 0 0 0 0

$$251_{10} = 01111011_2$$

$$625 = 101_2$$

$$01111011, 101_2$$

$$1, 11101101 \times 2^6$$

$$6 \times 127 = 133$$

$$2, 11101101 \times 2^6$$

mantissa | 000 | 0000 | 0000 | 0001 | 1101 | 1101

sign | 0

exp | 1000 0101

0 100 | 0 010 | 1 000 | 0000 | 0000 | 0001 | 1101 | 1101

h 2 8 0 0 1 F F

FF 01 80 h2

0001 0000 0000 0011 ↙ ↘

↘ ↙

address \$0015 F002

$$a0 = \$0015F000$$

$$d0 = \$00000000$$

$$\downarrow$$

$$d0 = \$0000F000$$

$$\downarrow$$

$$d0 = \$0000F000 + \text{address } \$0015F004$$

$$(a0) \text{ uint32 } 1_var = 4096 \quad \text{uint32 } 3_var = 0$$

$$(d0) \text{ uint32 } local_var = 0$$

$$\downarrow$$

$$local_var = 1_var \& 0xFF$$

$$\text{uint32 } 2_var = 0 \rightarrow \text{address } \$0015F004$$

$$local_var = local_var + 2_var$$

$$local_var = local_var \gg 3$$

$$3_var$$