

3.

Lista 3

1) 0000 0000 0000 0000 0001 0000 0000 0000

2) 1111 1111 1111 1111 1111 1000 0000 0001

3) 1111 1111 1110 0001 0111 1011 1000 0000

4) 2 50

5) 17

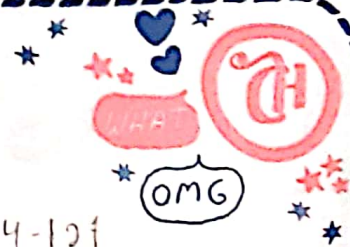
6) 2 147 483 665

10) odd \$t_1, \$t_3, \$t_4
 51+ \$t_2, \$t_1, \$0

$$\begin{array}{r} 2,850 \times 10^3 \\ + 9,840 \times 10^4 \end{array} \rightarrow \begin{array}{r} 0,285 \times 10^4 \\ + 9,840 \times 10^4 \\ \hline 10,125 \times 10^4 \\ 1,012 \times 10^5 // \end{array}$$

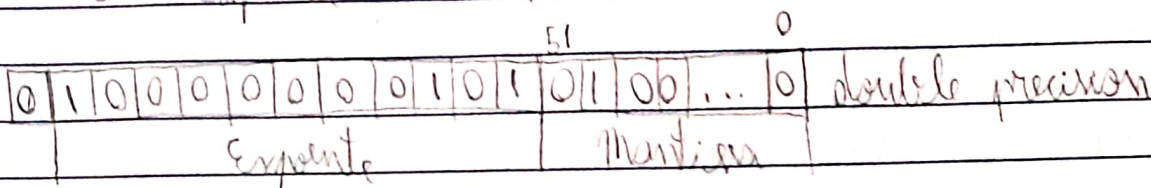
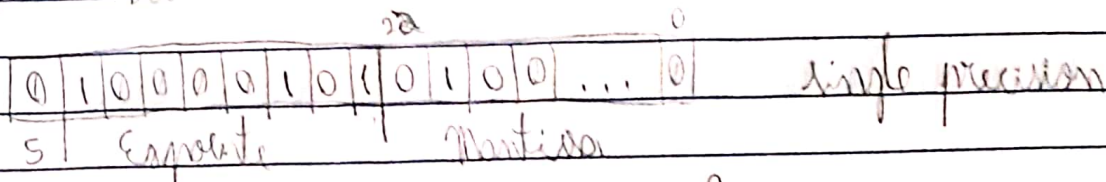
$$\begin{array}{r} 2,850 \times 10^3 \\ + 9,840 \times 10^4 \end{array} \rightarrow \begin{array}{r} 0,022 \times 10^5 \\ + 0,984 \times 10^5 \\ \hline 1,013 \times 10^5 // \end{array}$$





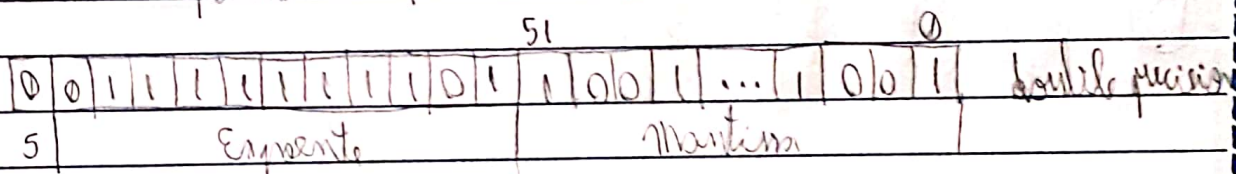
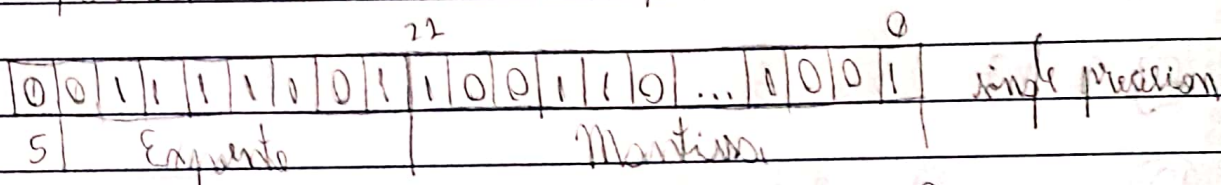
4-121

(34) $20_{DEC} = 10100_2 = 1,0100 \times 2^4$



(36) $0,1_{10} \times 2 = 0,2 \times 2 = 0,4 \times 2 = 0,8 \times 2 = 1,6 \times 2 = 1,2$

$0,00011001100110011 = 1,1001100110011 \times 2^{-4}$



(39) a) $x + y =$ $x = (-1)^0 \times (1 + 0,101100...0) \times 2^{-115+123} = 1,2$

$x = 1,1011 \times 2^{12}$

b) $x * y =$

27647,5625

$x = 1101100000000_2$

-12096

$x = 27648_7$

$y = (-1)^1 \times (1 + 0,1100...) \times 2^{-124}$

$y = -1,11 \times 2^{124}$

$y = -0,4375$



LOVE

tilibra