

(4.6)=24-bits stace there are 4-bits for each hex digit.

-54 = 11001010. 2

HO010102

50-bits/8 bits = 6.25 bits
medning that a 50-bit number
requires 12-bytes of memory
to be stored.

54,0 = 0 0 1 1 0 1 0 1 0 2 32 32 54, H00 100!

05: 200 = 11001000 1 1 0 0 1 0 0 0 64 200 1100, 1000, => 0xce

1100, 1000, DOXC8

12, (12×16)+(8×16)

192 + 8)

200.

 $11.11 \quad \begin{array}{c} -2 & = \frac{1}{2}z = \frac{1}{2} = 0.25 \\ 1.21 & = \frac{1}{2} = 0.5 \\ 1.20 & = \frac{1}{2}z = 0.5 \\ 1.21 & = \frac{1}{2}z = 0.5 \\ 1.21 & = \frac{1}{2}z = 0.25 \\ 1.21 & = \frac{1}{2}z = 0.25 \\ 1.22 & = \frac{1}{2}z = 0.25 \\ 1.23 & = \frac{1}{2}z = 0.25 \\ 1.24 & = \frac{1}{2}z = 0.25 \\ 1.25 & = \frac{1}{2}z = 0.25 \\ 1.$

Oto: 10,= 0001000 BCD For every bit of dicting), we need to write 3 bit binary convertion

1010238

1010

1000000BCD

100000BCD