1. 32 – 16 base 10

[100000](https://www.binary-code.org/binary/8bit/00100000/) -10000

100000

+ 00010

= 100010



C0 48 00 00

C 0 4 8 0 0 0 0

Binary = 11000000010010000000000000000000

Exponent = 1100 0000 = 12 + 0 = 12