

Looking at the declaration labeled `.LC3` we see that the two values are `0(0x00000000)` and `1077936128(0x40400000)`. Since the machine use little-endian byte ordering, the first value gives the low-order 4 bytes, while the second gives the high-order 4 bytes. From the high-order bytes, we can extract an exponent field of `0x404(1028)`, from which we can subtract a bias of `1023` to get an exponent of `5`. Concatenating the fraction bits of the two value, we get a fraction field of `0x00000000000000`, which can be shown to be the fractional binary representation of `0`, to which we add the implied leading one to get `1.0`. The constant is therefore  $1.0 \times 2^5 = 32$ .