

In class, we wrote on the blackboard a byte addressable memory where each element was 2 nibbles: For example:

Main memory A

Address	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Offset	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	0x00	0x02	0x2B	0x4F	0x00	0x00	0x00	0x1C	0x00	0x00	0x01	0x00	0x05	0x04	0x03	0x02
0x10	0x10	0x10	0x11	0x12	0x00	0x00	0x00	0x00	0x00	0x00	0x01	0x00	0x3D	0x00	0x1C	0x2F
0x20	0x00	0xFF	0x3E	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x01	0x00	0x1F	0xFF	0x03	0x02

What is the contents of address 0x1C in main memory A for a 32 bit machine using Big Endian format?

What is the contents of address 0x1C in main memory A for a 16 bit machine using Little Endian format?

What is the contents of the indirect address at 0x04 in main memory A for a Big Endian 32 bit machine ((0x4))?

What is the contents of 4(0x10) in main memory A for a 16 bit Little Endian machine?

What is the contents of the address 16(0xC) for a 64 bit Little Endian machine?