

This problem tests your understanding of the byte representation of data and the two different byte orderings.

- A. Little endian: 78 Big endian: 12
- B. Little endian: 78 56 Big endian: 12 34

Recall that `show_bytes` enumerates a series of bytes starting from the one with lowest address and working toward the one with highest address. On a little endian machine, it will list the bytes from least significant to most. On a big-endian machine, it will list bytes from the most significant byte to the least.