**Quiz: Endianess**

**Q1) Assume we have the following value: A0 B0 C0 D0**

**How will this be stored in Little-endian?**

B0 A0 D0 C0

D0 C0 B0 A0

D0 B0 C0 A0

AB CD 00 00

**Q2) If we have the value 78563412 represented in little-endian, that means in big-endian, it should be 12345678.**

True

False

**Q3) Assume we have the following value: BAADBEEF**

**How will this be stored in Little-endian?**

BAADBEEF

ADBAEFBE

EFBEADBA

BEEFBAAD

**Q4) Endianness is a term used to describe how a sequence of bytes are stored in memory. Little-endian is an order in which the most significant value in the sequence of bytes is stored first, while Big-endian uses the least significant value first.**

True

False

**Q5) Assume we have the following memory addresses:**

**0x1000**

**0x1004**

**0x1008**

**0x100C**

**If we are to store the value "BEEFBAAD" in little-endian in the memory addresses above. What would be stored in each address? Explain your answer in detail.**