**The Memory Addresses of Each Variable and Array**

**Scores = 0x08000215**

**Miles = 0x2000 0000**

**Speed = 0x2000 0008**

**Half\_Word\_Array = 0x2000 000C**

**MSGI = 0x2000 000E**

**SearchFor = 0x2000 0012**

**Volt = 0x2000 0025**

**Byte\_Array = 0x2000 0026**

**Zero\_Array = 0x2000 0027**

**Ones\_Array =0x2000 002A**

**If The System Is Big Endian or Little Endian used to store the data**

**If the output starts with a 1 (least-significant byte), it's a little-endian system.** If the output starts with a higher digit (most-significant byte), it's a big-endian system.

My system is a big-endian system