

# 15CSE301

# COMPUTER ORGANIZATION & ARCHITECTURE

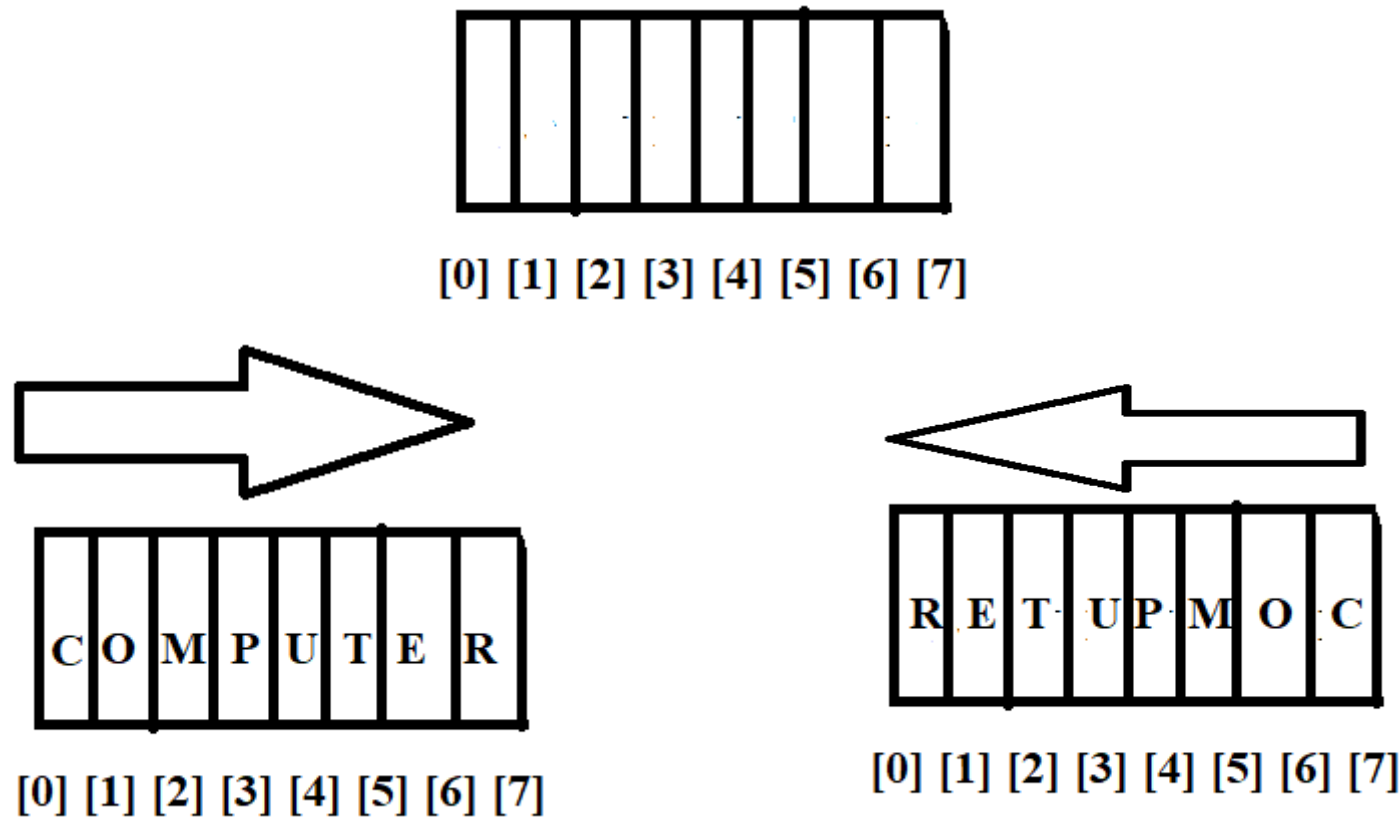
PRE-REQUISITES FOR THE COURSE

PART-2

# Formats??

- BIG ENDIAN vs LITTLE ENDIAN

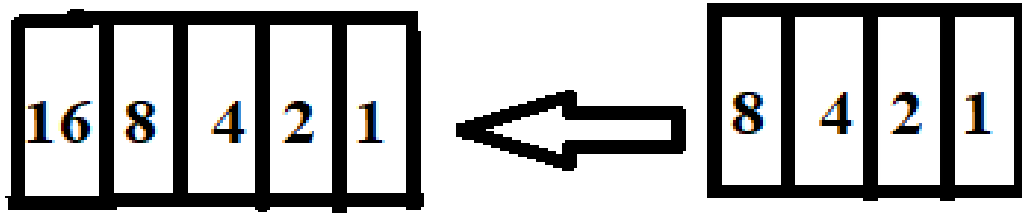
Inserting Data into Array??(MSB→LSB:BIG;  
LSB→MSB:LITTLE)



# Big Endian vs Little Endian Formats...

Ordering (Endianness)	Base Address+0	Base Address+1	Base Address+2	Base Address+3	Base Address+4
Big	S	M	A	L	L
Little	L	L	A	M	S

# Pros & Cons??



Easy Extension

**Little Endian Format**



Easy Understanding

**Big Endian Format**