

RAM : Random Access Memory

Data Structure  
Structuring the data { in RAM }  Computers

Most Computers have 4GB, 8GB, 16GB, ...  
of RAM.

What GB means ?

GB  $\rightarrow$  Giga bytes

$10^9$  (maybe billions)

What is byte ?

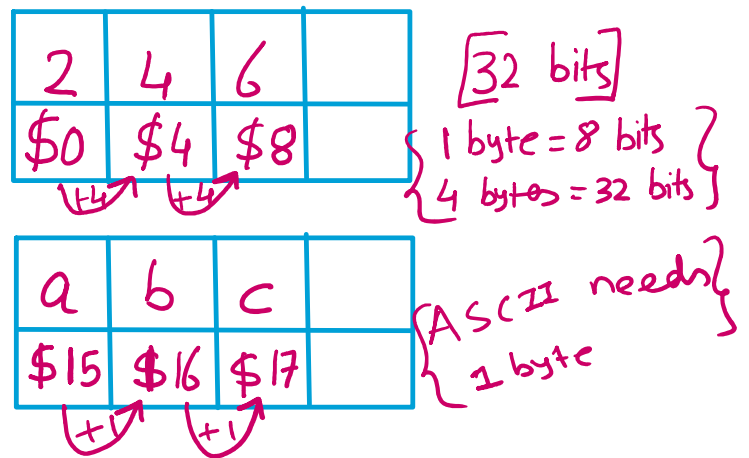
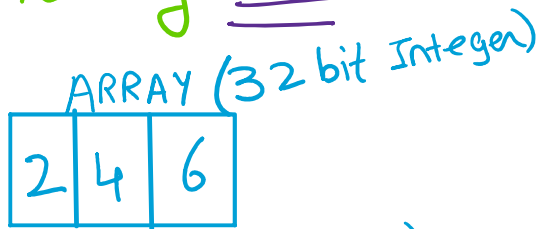
8 bits

What is bit ?

Either 0 or 1.

bits form bytes, bytes form RAM.  
RAM stores data.

## Storing Data in RAM



Array stores in sequence in RAM.