

Q1/ List the access method on Memory?!

- Sequential access
 - Direct access
 - Random access
 - Associative
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Q2/ Write notes about “Word” on Memory?!

-Word the ***Natural*** unit of organization of Memory. the size of a word is typically equal to the number of bits used to represent an integer and to the instruction length. unfortunately, there are many exceptions, the cray 90 has a 64-bit word length but used a 46-bit integer representation.

Q3/ Write notes about Memory hierarchy?!

There is a tradeoff among the **3** key characteristics of memory

- 1- **capacity**
- 2- **access time**
- 3- **the cost**

The *variety* of technologies are used to implement memory systems and across this spectrum of technologies.

My best wishes/..

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