**-List the access method on Memory?**

Sequential access

Direct access

Random access

Associative

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**-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.

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**-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.