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***Sec :7***

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

***Sequential access***

***Direct access***

***Random access***

***Associtative***

***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***

***Write notes about Memory hierarchy?***

***There is a trade off 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***