* **List the access method on Memory?**
* **Sequential access.**
* **Direct access.**
* **Random access.**
* **Associative**
* **Write notes about “Word” on Memory?**
* **The natural unit of organization of memory.**
* **The size of word is typically Equal to number of bits used to represent an integer and the instruction length.**
* **For example the CRAY C90 ( an older model CRAY supercomputer) has a 64-bit word length but uses a 64-bit integer representation.**
* **Write notes about Memory hierarchy?**
* **To achieve greatest performance,the memory must be able to keep up with the processor.**
* **There is a trade-off among the three key characteristics of memory: capacity,access time,and cost. A variety of technologies are used to implement memory system,and across this spectrum of technologies, the following relationships hold:**
* **Faster access time,greater cost per bit.**
* **Greater capacity, smaller cost per bit.**
* **Greater capacity, slower access time.**
* **Smaller ,more expensive, faster memories are supplemented by larger, cheaper, slower memories.**