*الاسم:نيره ايهاب الدين عبدالله*

*سكشن"8"*

**List the access method on Memory?**

1. ***Sequential***
2. ***Direct***
3. ***Random***
4. ***Associative***

**Write notes about “Word” on Memory?**

***word the natural unit of organization of memory. the size of word equal the number of bits used to represent an integer and the instruction length***

**Write notes about Memory hierarchy?**

***we decided to make Memory hierarchy to be easy to get our needs. So we find in the top of Memory hierarchy***

1. **in board memory**

***that contains :***

* ***Registers***
* ***Cache***
* ***Main memory***

1. **Out board memory**

* ***Magnetic disk***
* ***Magnetic***

1. **offline storage**

* ***Decreasing cost per bit***
* ***Increasing capacity***
* ***Increasing access time***
* ***Decreasing frequency of access of the memory by processor***