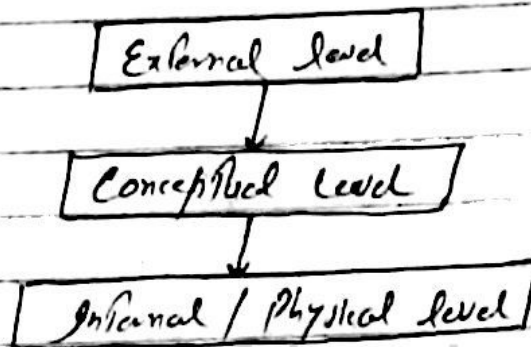


## (Lecture) Architecture of DATA BASE

ANSI-SPARC is basic and standard architecture for modern database. It was first proposed in 1975.

It has three levels:-



### • External level:-

The normal users or visitors access to only external level of database. It is main interface of database.

### • Conceptual level:-

It is also called logical level or structural level. It is actually the structure of any database.

### • Internal level:-

At this level, data actually stores in form of 0's & 1's.

## Advantages of this DBMS:-

- i) It provides data independence.
- ii) If we change in conceptual level then it will not effect external level, this is called logical data independence.
- iii) If we change in internal level, it will not effect conceptual level, then it is called internal data independence.

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