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DBMS - Endsen

1. > . Using emphane as a skytes chartered index is possible only when every employed will have a urique name. If this is ensured, the tuples will be organized according to emprane alphabetically. · using employ as a chartered index is definitly possible considering everyone has a uniquest id oxigned to them . The tuples will be organized according to empld. Using both emplo & emp have as a chustered Inclexes may not be possible it but it is possible two home one Chasered Index and one non-chastered Index. 2.> DDL is important in representing information because it is used to describe external and inglear schamas. DML is used to access and update data. it is not important for depresenting the data

4.> a> A user must guarantee. That his or has transaction

bes not corrupt data or insent nonzense in the database.

For example, in a banking database, a user must get guarantee

that a cosh withdraw transaction accurately models the

arount a person terraves from his or has account.

A database application would be warthless if a person

transact some amount from an ATM but the transaction

set their balance to 0.

6.) A DBMG must guarantee that transactions are executed fully and incorpordently of other transactions. An executed

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Dinyarsh Tripathi 1380333

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WHERE CIPID = C.PID AND CISIO 6= C.SID)

8.> Invalid quany:

Explanation: This relational algebra statement does not retrain anything because of the sequence of projection operators once the sid is projected, it is the only field in the set. Therefore a projecting on bome will not return anything.

9.> The following view on Emp can be updated of automatically by updating trops:

CREATE VIEW Senior Emp (eid, name, age, salary)

AS SELECT E. eld, E. ename, E. age, E. Salary

FROM Emp E

WHERE E. age >50.