

THE EXPERT'S VOICE IN DBMS

DBMS – INTERVIEW QUESTIONS

Gives you the interview tips in DBMS

A free DBMS interview questions by,

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1. What is view?

A database view displays one or more database records on the same page. A view can display some or all of the database fields. Views have filters to determine which records they show. Views can be sorted to control the record order and grouped to display records in related sets.

2. What is Cardinality ratio?

The cardinality ratio for a binary relationship specifies the number of relationship instances that an entity can participate in.

3. What is specialization?

It is the process of defining a set of subclasses of an entity type where each subclass contain all the attributes and relationships of the parent entity and may have additional attributes and relationships which are specific to itself.

4. What is generalization?

It is the process of finding common attributes and relations of a number of entities and defining a common super class for them.

5. What is RAID Technology?

Redundant array of inexpensive (or independent) disks. The main goal of raid technology is to even out the widely different rates of performance improvement of disks against those in memory and microprocessor. Raid technology employs the technique of data striping to achieve higher transfer rates.

6. What is Hashing technique?

This is a primary file organization technique that provides very fast access to records on certain search conditions. The search condition must be an equality condition on a single field, called hash field of the file.

- Internal hashing
- External hashing
- Extendible hashing
- Linear hashing
- Partitioned hashing

7. What is a foreign key?

A key of a relation schema is called as a foreign key if it is the primary key of some other relation to which it is related to.

8. What is a transaction?

A transaction is a logical unit of database processing that includes one or more database access operations.

9. What is a lock?

A lock is a variable associated with a data item that describes the status of the item with respect to the possible operations that can be applied to it.

10. What is a deadlock?

Dead lock occurs when each transaction T in a set of two or more transactions is waiting for some item that is locked by some other transaction T' in the set. Hence each transaction is in a waiting queue, waiting for one of the other transactions to release the lock on them.