

Sample Questions with Answers

Programming Languages - DB2

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Programming Languages

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Question 1:

Explain about different table spaces.

[ANSWER] Answer & Explanation:

There are three types of table spaces, namely Simple table space, Segmented table space and Partitioned table space.

1. Simple Table space: A simple table space can contain one or more tables. The rows from multiple tables can be interleaved on a page under the control and maintenance of DBA.
2. Segmented table space: It also contains one or more tables. Each table space is divided into 4 to 64 pages length of segments in increments of 4 pages. A segment is dedicated to a single table. One table can occupy multiple segments.
3. Partitioned table space: One table is accommodated in partitioned table space. Table space is divided into different parts and every part is put in a separate VSAM dataset.

Question 2:

What is PSB & ACB?

[ANSWER] Answer & Explanation:

PSB : Program specification block. Inform about how a specific program is to be access one or more IMS DB. It consists of PCB (Prg Communication Block). Information to which segment in DB can be accessed, what the program is allowed to do with those segment and how the DB is to be accessed.

ACB : Access Control Blocks are generated by IMS as an expansion of information contained in the PSB in order to speed up the access to the applicable DBD's.

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