

1. What is View? What are the benefits of using views?

View is the simply subset of table which are stored logically in a database means a view is a virtual table in the database whose contents are defined by a query.

Views can represent a subset of the data contained in a table. ...

Views can join and simplify multiple tables into a single virtual table.

Views can act as aggregated tables, where the database engine aggregates data (sum, average, etc.) ...

Views can hide the complexity of data.

2. Can data be modified through views?

Any modifications, including UPDATE, INSERT, and DELETE statements, must reference columns from only one base table.

3. What is stored procedure and what are the benefits of using it?

A SQL stored procedure (SP) is a collection SQL statements and sql command logic, which is compiled and stored on the database. Stored procedues in SQL allows us to create SQL queries to be stored and executed on the server. Stored procedures can also be cached and reused. The main purpose of stored procedures to hide direct SQL queries from the code and improve performance of database operations such as select, update, and delete data.

4. What is the difference between view and stored procedure?

A view represents a **virtual** table. You can join multiple tables in a view and use the view to present the data as if the data were coming from a single table.

5. What is the difference between stored procedure and functions?

A function has a return type and returns a value.

A procedure does not have a return type. But it returns values using the OUT parameters.

6. Can stored procedure return multiple result sets?

Most stored procedures return **multiple result sets**. Such a stored procedure usually includes one or more select statements. The consumer needs to consider this inclusion to handle all the result sets.

7. Can stored procedure be executed as part of SELECT Statement? Why?

Store procedure cannot be used in select statement. You can re-write this SP in Function and call this function in Select statement as you need.

8. What is Trigger? What types of Triggers are there?

When we talk about Database Technology, then we should very clear about the basics of the database to learn advanced features such as a stored procedure, functions, views, packages, sequence, synonyms and triggers. In this article, I will explain what is a trigger and the types of triggers.

9. What are the scenarios to use Triggers?

Create “Top X Designation” custom object which is the related list to Opportunity (Lookup Relationship). In the Top X Designation object, create the fields

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