SQL Notes:

1. Retrieving data from the database:

The basic form of a select statement is:

SELECT [options] items

[INTO file\_details]

FROM tables

[ WHERE conditions ]

[ GROUP BY group\_type ]

[ HAVING where\_definition ]

[ ORDER BY order\_type ]

[LIMIT limit\_criteria ]

[PROCEDURE proc\_name(arguments)]

[lock\_options];

1. SQL is used to interact with a database to manage and retrieve data.

SQL is used to retrieve data from the database. The DBMS processes the SQL request, retrieves the requested data from the database, and returns it. This process of requesting data from the database and receiving back the results is called a database query and hence the name Structured Query Language.

Data Types: The descript ion of the kinds of data stored, passed and used.

Backward Compatible: A design that continues to work with earlier versions of a language, program, etc.