

Assignment –3

Overview of SQL.

1) Does ANSI recognize the data type DATE?



- Format: The standard format for DATE is YYYY-MM-DD.
- Range: It typically supports a date range from '1000-01-01' to '9999-12-31', although this can vary by database system.
- Storage: The DATE type generally requires 3 bytes of storage.
- Functions: Various built-in functions can manipulate DATE values, such as calculating differences, formatting, and extracting specific parts (like year, month, or day).
- Use Cases: Commonly used in applications for managing events, transactions, or any data that requires date tracking.
- Consistency: Using the DATE type helps ensure that dates are stored in a consistent format, which is crucial for data integrity and querying.

2) Which subdivision of SQL is used to insert values in tables?



The subdivision of SQL used to insert values into a table is called Data Manipulation Language (DML). Specifically, the INSERT statement is used to add new records to a table.

For example, to insert a new customer into a customers table, you would use a command like this:

```
INSERT INTO customers (Cid, name, email)
VALUES (1, 'king', 'king@example.com');
```