

TASK#5

Q) Write a few lines about Data Types In SQL with examples.

Data types in SQL refer to the type of data that can be stored in a database table column. Different types of data types are supported by SQL servers, and the choice of data type is important for data accuracy, performance, and storage efficiency. Here are a few examples of common data types in SQL:

- INT (integer): used to store whole numbers, both positive and negative. For example, 1, 2, -3, 0.
- VARCHAR(n) (variable-length character): used to store character strings of variable length. The "n" specifies the maximum length of the string. For example, 'John', 'Smith', '123 Main Street'.
- DATE: used to store date values, such as '2023-03-30'.
- FLOAT: used to store floating-point numbers with decimal places. For example, 3.14, -2.5, 0.5.
- BOOLEAN: used to store boolean values, which can be either true or false.
- DECIMAL(p,s): used to store decimal numbers with a fixed number of digits both to the left and right of the decimal point. "p" specifies the total number of digits, and "s" specifies the number of digits to the right of the decimal point. For example, 123.45, -67.89.