QUESTION : What is SQL Key Constraints writing an Example of SQL Key Constraints

Constraints are the rules that we can apply on the type of data in a table. That is, we can specify the limit on the type of data that can be stored in a particular column in a table using constraints.

The available constraints in SQL are :

🡪NOT NULL : This constraint tells that we cannot store a null value in a column. That is, if a column is specified as NOT NULL then we will not be able to store null in this particular column any more.

🡪UNIQUE : This constraint when specified with a column, tells that all the values in the column must be unique. That is, the value in any row of a column must not be repeated.

🡪PRIMARY KEY : A primary key is field which can uniquely identify each row in a table. And this constraint is used to specify a field in a table as primary key.

🡪FOREIGN KEY : A Foreign key is a field which can uniquely identify each row in a another table. And this constraint is used to specify a field as Foreign key.

🡪CHECK : This constraint helps to validate the values of a column to meet a particular condition. That is, it helps to ensure that the value stored is a column meets a specific condition.

🡪DEFAULT : This constraint specifies a default value for the column when no value is specified by the user.