**SQL\_SESSION\_5**

* TIMESTAMP : Contains current date and time. If we do not provide any date and time it will automatically take current date and time.
* Seed data : When the insert is happening for the first time.
* FOREIGN KEY(selected\_course) REFERENCES Courses(course\_id); : Parent- Course table and CHILD – Student table.
* Discontinue Course\_id = 2 , where students have taken this course : we cannot delete as some students have taken this course. This is a violation of FOREIGN KEY constraint.
* Discontinue Course\_id = 4, where students have not taken this course : DELETE FROM Courses where course\_id = 4;
* FOREIGN KEY Constraint is used to prevent actions that can destroy links between two tables.
* A FOREIGN KEY is a field in one table that refers to the primary key in another table.
* Selected\_course is a foreign key in students table which refers to a primary key in the course table as course\_id.
* CONSTRAINTS are used to limit the type of data that can go into a table.
* This ensures the accuracy and reliability of the data is maintained.
* If there is any violation then the action is aborted.
* CHECK CONSTRAINT (not supported in MYSQL) : If age column is there , then the age of the students >=50;