NAME:	Deepanshu Aggarwal, Vaishnavi Borkar, Utsav Avaiya
UID:	2021300002, 2021300016, 2021300005
SUBJECT	DBMS
EXPERIMENT NO:	7
DATE OF PERFORMANCE	11/11/22
DATE OF SUBMISSION	13/11/22
AIM:	To study VIEW command in SQL
THEORY	In SQL, a view is a virtual table based on the result-set of an SQL statement.  A view contains rows and columns, just like a real table. The fields in a view are fields from one or more real tables in the database.  You can add SQL statements and functions to a view and present the data as if the data were coming from one single table.  A view is created with the CREATE VIEW statement.  Note: A view always shows up-to-date data! The database engine recreates the view, every time a user queries it.

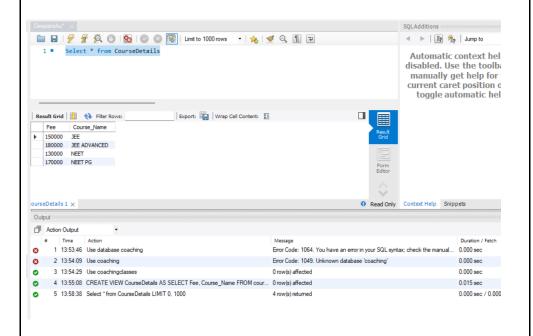
# **SQL QUERIES\ COMMANDS:**

#### **Creating View in SQL:**

CREATE VIEW CourseDetails AS SELECT Fee, Course\_Name FROM courses WHERE Course\_Code < 1015;

### **Printing view in SQL:**

Select \* from CourseDetails;



## **Updating view in SQL:**

CREATE OR REPLACE VIEW CourseDetails AS SELECT Course\_Code, Course\_Name FROM courses WHERE Course\_Code < 1015;

#### **Printing view in SQL:** SELECT \* FROM CourseDetails; SQLAdditions ::: < ▶ | I? ¶? 1 • Select \* from CourseDetails **Automatic** disabled. Use manually g current care toggle au Export: Wrap Cell Content: IA Course\_Code Course\_Name 1011 JEE JEE ADVANCED 1012 NEET 1013 1014 NEET PG CourseDetails 2 x Read Only Context Help Snipp Output : Action Output 1 13:53:46 Use database coaching Error Code: 1064. You have an error in your SQL syntax; check the manual... ② 2 13:54:09 Use coaching Error Code: 1049. Unknown database 'coaching' 3 13:54:29 Use coachingclasses 4 13:55:08 CREATE VIEW CourseDetails AS SELECT Fee, Course\_Name FROM cour... 0 row(s) affected 5 13:58:38 Select \*from Course Details LIMIT 0, 1000 4 row(s) returned 6 14:02:43 CREATE OR REPLACE VIEW Course Details AS SELECT Course Code, C... 0 row(s) affected 7 14:04:09 Select \*from CourseDetails LIMIT 0, 1000 4 row(s) returned **Dropping a View:** Drop View CourseDetails;

