**Query No. :**

**Aim : 1) Create a view and see it’s relationship with the table it has been created from.**

**2) Create a view from more than one table.**

**3) Drop the view.**

**4) Create an index on a table and drop it.**

SQL\*Plus: Release 10.2.0.3.0 - Production on Sun Apr 26 12:32:45 2009

Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:

Oracle Database 10g Enterprise Edition Release 10.2.0.3.0 - Production

With the Partitioning, OLAP and Data Mining options

SQL> create view View\_Student

2 as select Name,Roll\_no,Contact from Student;

View created.

SQL> select \* from View\_student;

NAME ROLL\_NO CONTACT

------------------------- ---------- ----------

Rohit Aggarwal 97 9876543333

Prateek Varshney 2 9777123234

Ojassvi Chawla 77 9876423223

Parth Garg 65 9232374923

Paras Gera 80 9212374921

Arpit Jain 12 9829213723

Ishan Banga 34 9237663287

Keshav Yadav 45 9832465221

Shivansh Sharma 89 9753233223

Ankit Sharma 11 9323723423

10 rows selected.

SQL> create view View\_Project

2 as select \* from Project;

View created.

SQL> select \* from View\_Project;

PROJECT\_ID PROJECT\_NAME TIME STUDENTS

---------- ------------------------- ---------- ----------

1 GUI Application 30 2

2 Motion Sensor 28 3

3 Voice Convertor 35 3

4 Antivirus Software 30 2

4 rows selected.

SQL> create view View\_Details

2 as select a.Name,a.Roll\_No,b.Project\_ID,b.Project\_Name

3 from Student a join Project b

4 on a.Project\_ID = b.Project\_ID;

View created.

SQL> select \* from View\_Details;

NAME ROLL\_NO PROJECT\_ID PROJECT\_NAME

------------------------- ---------- ---------- -------------------------

Rohit Aggarwal 97 1 GUI Application

Prateek Varshney 2 3 Voice Convertor

Ojassvi Chawla 77 3 Voice Convertor

Parth Garg 65 1 GUI Application

Paras Gera 80 3 Voice Convertor

Arpit Jain 12 2 Motion Sensor

Ishan Banga 34 2 Motion Sensor

Keshav Yadav 45 2 Motion Sensor

Shivansh Sharma 89 4 Antivirus Software

Ankit Sharma 11 4 Antivirus Software

10 rows selected.

SQL> create index Index\_Student

2 on Student(Roll\_NO);

on Student(Roll\_NO)

\*

ERROR at line 2:

ORA-01408: such column list already indexed

SQL> create index Index\_Student

2 on Student(Project\_ID);

Index created.

SQL> create index Index\_Project

2 on Project(Project\_ID);

on Project(Project\_ID)

\*

ERROR at line 2:

ORA-01408: such column list already indexed

SQL> create index Index\_Project

2 on Project(Students);

Index created.

SQL> drop index Index\_Student;

Index dropped.

SQL> drop index Index\_Project;

Index dropped.

**Written By :**

**Name : Rohit Aggarwal**

**Roll No. : 7CS-097**