

# Practical List 8 - Oracle

**Subject : SUBQUERY DBMS**

**No of Labs : 01**

1. Create the following tables:

**Course Table**

CourseCode	Numeric		Primary key
CourseName	Varchar	10	Null not allowed
CourseFees	Numeric		Not less than 20000
Department	Varchar	10	

**Student Table**

<b>RollNo</b>	Numeric		Primary key
Name	Varchar	10	Unique
City	Varchar	10	Not Null

**Register Table**

<b>RollNo</b>	Foreign key for student table, Prime
<b>CourseCode</b>	Foreign key for course table, Prime

2. Enter the following data into table:

**Course** ⇒

<b>CourseId</b>	<b>CourseName</b>	<b>Coursefees</b>	<b>Department</b>
101	MCA	80000	MCA
102	MBA	60000	MBA
103	Btech	75000	Engg
104	BCA	30000	MCA
105	BSc(IT)	25000	MCA
106	MSc(IT)	35000	MCA
107	BBA	22000	MBA

**Student** ⇒

RollNo	Name	City
1	Amit	Delhi
2	Sumit	Goa
3	Shweta	Gwalior
4	Kumar	Goa
5	Puneet	Meerut
6	Bharat	Gwalior

**Register**

**“Commit Your Data”**

RollNo	Courseld
2	101
4	103
5	101
3	105
1	103

**3. Write queries for following :-**

- (a)** Details of students who are not registered in any course. (complete detail)
- (b)** Rollno of students not registered in any course. (only Rollno)
- (c)** Details of students who are registered in “MCA” course.
- (d)** List of courses in which no students are registered.
- (e)** List of courses in which at least one student is registered.
- (f)** List of courses having fees greater than “BCA” course.
- (g)** Total fees of all courses and also show average fees.
- (h)** Department wise total fees of all courses.
- (i)** Maximum course fee of each department.
- (j)** Details of courses which are having fees greater than average fees.
- (k)** Details of those courses in which students of “Goa” are registered.
- (l)** Increase the fees of all courses by 10% and commit.
- (m)** View all records of course table.
- (n)** Display highest, lowest and average fees.
- (o)** Names of students who are registered in a course having fees less than 30000.
- (p)** Display coursecodes along with total number of registrations in those courses.
- (q)** Display total number of students from goa.
- (r)** Display highest fees.
- (s)** Display 4<sup>th</sup> highest fees.