PRACTICAL LIST – 9

(JOINS AND SUBQUERY)   SUBJECT: DBMS

1. Create the following tables:

COURSE TABLE

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

STUDENT TABLE

RollNo	Numeric		Primary Key
Name	Varchar	10	Unique
City	Varchar	10	Not Null

REGISTER TABLE

RollNo	Foreign key for student table, Prime
CourseCode	Foreign key for course table, Prime

2. Enter the following data into table:

COURSE TABLE

CourseCode	CourseName	CourseFees	Department
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 TABLE

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

REGISTER TABLE

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

3. Write queries for the 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 students 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 the total number of registration in those courses
   q) Display the total number of students from Goa
   r) Display highest fees
   s) Display second highest fees