Q1. Perform following:

1. Create a table employee with following attributes eno(Primary Key) ,ename ,ecity, salary, deptno. Insert 5 records.
2. Create a view having ename and ecity.
3. In the above view update the ecity to ‘Delhi’ where ename is ‘John’.
4. Insert a row in the view and see if it is visible in table created.
5. Create a view having salary dname,dno.
6. Update the above view and increase the salary of all employees of Accounts department by Rs.1000.
7. Create view having details of employee working in deptno=104.
8. Create a view having grouping functions like max(sal)and min(sal)
9. Update the above view and set the max salary to 90000.Observe the result.

Q2. Perform following:

1. Create table student with following fields: RollNo(PK), Sname, DOB(not Null), Coursecode(FK), Year of admission.
2. Create table course with fields:ccode(PK), cname(Unique),fee.
3. Insert 5 records in each table.
4. Find the age of the students.
5. Find the roll no, Name, course name of every student.
6. Find the list of students who have taken admission in the same year.
7. Find the list of students who have taken admission in the same year.

Q3. Subquery

1. Display the first name and salary for all employees who earn more than employee number 103.
2. Display the department number and department name for all departments whose location number is equal to the location number of department number 90.
3. Display the last name and hire date for all employees who was hired after employee number 101.

Q4. Create a table as employee and details are:

|  |  |  |  |
| --- | --- | --- | --- |
| Id | Name | Designation | Branch |
| 1 | Ram | Manager | Chennai |
| 2 | Santosh | Supervisor | Banglore |
| 3 | Hari | Assistant | Pune |

* Perform following:
* Alter the column by adding a column salary.
* Alter table my modifying the column name.
* Delete the second row from the table.