# DBMS Assignment - II

1. What are the different types of SQL queries? Discuss them with syntax.
2. Create table employeedetail(emp-no, firstname, lastname, joiningdate, salary, department, gender) & projectdetail(pid, projectname, emp-no)
   1. Write a query to print first letter in the uppercase and all other in the lowercase of the employee firstname in the employee table.
   2. Get all employee name from employeedetail table whose joining date is between 23/1/2013 to 23/1/2014.
   3. Write a query to fetch project name assigned to more than one employee.
   4. Get all employee detail form employeedetail table whose joiningmonth is January.
   5. Get employee name and project name order by first name from employeedetail and projectdetail table even no project is assigned to the employee(use left outer join).
   6. Get employee name and project name order by first name from employeedetail and projectdetail table even no project is assigned to the employee if no project is assigned to them then display no project (use left outer join).
   7. Write query to display project name not assigned to any employee.
3. Discuss Relation Algebra in detail.
4. Discuss SQL and its component.
5. What is a View? How view can be created?
6. What is the difference between DELETE and TRUNCATE commands?
7. What is a constraint? List and discuss different types of constraint.
8. Discuss aggregate functions and set operations with proper example.
9. How to select unique records from a table?
10. Discuss string operation with example.