1. Create:
    a. Equijoin
    b. Natural join
    c. Cartesian product

   for the **project** and **works_on** tables(refer Assignment1).
2. Get the employee numbers and job titles of all employees working on project Gemini
3. Get the first and last names of all employees that work for departments *Research* or *Acounting.*
4. Get the enter dates of all clerks that belong to the department d1.
5. Get the names of projects on which two or more clerks are working.
6. Get the first and last names of the employees that are manager and that work on project Mercury.
7. Get the first and last names of all employee who entered the project at the same time as at least one other employee.
8. Get the employee numbers of the employees living in the same location and belonging to the same department as one another.
9. Get the employee numbers of all employees belonging to the Marketing department.

   Find two equivalent solutions using:
    a. the JOIN operator
    b. The correlated subquery.

<u>Modifying a Table's Contents</u>

1. Insert the data of a new employee called Julia Long, whose employee number is 1111. Her department number is not known yet.
2. Create a new table called **emp_d1_d2** with all employees who

work for department d1 or d1, and load the corresponding rows from the **employee** table.

3. Modify the job of all the employees in project p1 who are managers. They have to work as clerks from now on.
4. The budgets of all projects are no longer determined. Assign all budgets the NULL value.
5. Increase the budget of the project where the manager has the employee number 10102. The increase is 10%.
6. Change the enter date for the projects for those employees who work in project p1 and belong to the department *Sales.* The new date is 12.12.1998.
7. Create a stored procedure to insert data into department and Employee table.