

Create the following Tables and insert the shown data (This table will be used in the subsequent Lab sessions)

Department

Dept_no	Dept_name	location
d1	Research	Dallas
d2	Accounting	Seattle
d3	Marketing	Dallas

Employee

emp_no	emp_fname	emp_lname	dept_no
25348	Matthew	Smith	d3
10102	Ann	Jones	d3
18316	John	Barrimore	d1
29346	James	James	d2

Project

project_no	project_name	Budget
p1	Apollo	120000
p2	Gemini	95000
p3	Mercury	185600

Works_on

emp_no	project_no	Job	enter_date
10102	p1	Analyst	1997.10.1
10102	p3	manager	1999.1.1
25348	p2	Clerk	1998.2.15
18316	p2	NULL	1998.6.1
29346	p2	NULL	1997.12.15
2581	p3	Analyst	1998.10.15

9031	p1	Manager	1998.4.15
28559	p1	NULL	1998.8.1
28559	p2	Clerk	1992.2.1
9031	p3	Clerk	1997.11.15
29346	p1	Clerk	1998.1.4

Simple Queries

1. Get all row of the **works_on** table.
2. Get the employee numbers for all clerks
3. Get the employee numbers for employees working in project p2, and having employee numbers smaller than 10000.
4. Get the employee numbers for all employees who didn't enter their project in 1998.
5. Get the employee numbers for all employees who have a leading job(i.e., Analyst or Manager) in project p1
6. Get the enter dates for all employees in project p2 whose jobs have not been determined yet.
7. Get the employee numbers and last names of all employees whose first names contain two letter t's.
8. Get the employee numbers and first names of all employees whose last names have a letter o or a as the second character and end with the letters es.
9. Get the employee numbers of all employees whose departments are located in Seattle.
10. Find the last and first names of all employees who entered their projects on 04.01.1998
11. Group all departments using their locations.
12. Find the biggest employee number.
13. Get the jobs that are done by more than two employees.
14. Find the employee numbers of all employees who are clerks or work for department d3.

