Brad Dodds
Thursday 7:00p.m.- 9:45p.m.


```
USE company;

#EMPLOYEE
INSERT INTO EMPLOYEE (Fname, Minit, Lname, Ssn, Bdate, Address, Sex, Salary, Super_ssn,
Dno)
VALUES
('John', 'B', 'Smith', 123456789, '1965-01-09', '731 Fondren, Houston, TX', 'M', 30000,
333445555, 5),
('Franklin', 'T', 'Wong', 333445555, '1955-12-08', '638 Voss, Houston, TX', 'M', 40000,
888665555, 5),
('Alicia', 'J', 'Zelaya', 999887777, '1968-01-19', '3321 Castle, Spring, TX', 'F', 25000,
987654321, 4),
('Jennifer', 'S', 'Wallace', 987654321, '1941-06-20', '291 Berry, Bellaire, TX', 'F', 43000,
888665555, 4),
('Ramesh', 'K', 'Narayan', 666884444, '1962-09-15', '975 Fire Oak, Humble, TX', 'M', 38000,
333445555, 5),
('Joyce', 'A', 'English', 453453453, '1972-07-31', '5631 Rice, Houston, TX', 'F', 25000,
333445555, 5),
('Ahmad', 'V', 'Jabbar', 987987987, '1969-03-29', '980 Dallas, Houston, TX', 'M', 25000,
987654321, 4),
('James', 'E', 'Borg', 888665555, '1937-11-10', '450 Stone, Houston, TX', 'M', 55000, NULL, 1);

#DEPARTMENT
INSERT INTO DEPARTMENT(Dname, Dnumber, Mgr_ssn, Mgr_start_date) VALUES
('Research', 5, '333445555', '1988-05-22'),
('Administration', 4, '987654321', '1995-01-01'),
('Headquarters', 1, '888665555', '1981-06-19');

#DEPT_LOCATIONS
INSERT INTO DEPT_LOCATIONS(Dnumber , Dlocation) VALUES
(1,'Houston'),
(4,'Stafford'),
(5,'Bellaire'),
(5,'Sugarland'),
(5,'Houston');

#WORKS_ON
INSERT INTO WORKS_ON(Essn, Pno, Hours) VALUES
('123456789', 1, 32.5),
('123456789', 2, 7.5),
('666884444', 3, 40.0),
('453453453', 1, 20.0),
('453453453', 2, 20.0),
('333445555', 2, 10.0),
('333445555', 3, 10.0),
('333445555', 10, 10.0),
('333445555', 20, 10.0),
('999887777', 30, 30.0),
('999887777', 10, 10.0),
```

```
('987987987', 10, 35.0),
('987987987', 30, 5.0),
('987654321', 20, 15.0),
('888665555', 20, NULL);

#PROJECT
INSERT INTO PROJECT(Pname, Pnumber, Plocation, Dnum) VALUES
('ProductX', 1, 'Bellaire', 5),
('ProductY', 2, 'Sugarland', 5),
('ProductZ', 3, 'Houston', 5),
('Computerization', 10, 'Stafford', 4),
('Reorganization', 20, 'Houston', 1),
('Newbenefits', 30, 'Stafford', 4);

#DEPENDENT
INSERT INTO DEPENDENT(Essn, Dependent_name, Sex, Bdate, Relationship) VALUES
(333445555, 'Alice', 'F', '1986-04-05', 'Daughter'),
(333445555, 'Theodore', 'M', '1983-10-25', 'Son'),
(333445555, 'Joy', 'F', '1958-05-03', 'Spouse'),
(987654321, 'Abner', 'M', '1942-02-28', 'Spouse'),
(123456789, 'Michael', 'M', '1988-01-04', 'Son'),
(123456789, 'Alice', 'F', '1988-01-04', 'Daughter'),
(123456789, 'Elizabeth', 'F', '1967-05-05', 'Spouse');
```

```
mysql> use company;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from EMPLOYEE;
+---------+-------+---------+-----------+------------
+-----------------------+------+----------+-----------+-----+
| Fname    | Minit | Lname   | Ssn       | Bdate      | Address
| Sex  | Salary    | Super_ssn | Dno |
+---------+-------+---------+-----------+------------
+-----------------------+------+----------+-----------+-----+
| John     | B     | Smith   | 123456789 | 1965-01-09 | 731 Fondren,
Houston, TX | M    | 30000.00 | 333445555 |   5 |
| Franklin | T     | Wong    | 333445555 | 1955-12-08 | 638 Voss,
Houston, TX     | M    | 40000.00 | 888665555 |   5 |
| Joyce    | A     | English | 453453453 | 1972-07-31 | 5631 Rice,
Houston, TX    | F    | 25000.00 | 333445555 |   5 |
| Ramesh   | K     | Narayan | 666884444 | 1962-09-15 | 975 Fire Oak,
Humble, TX | M    | 38000.00 | 333445555 |   5 |
| James    | E     | Borg    | 888665555 | 1937-11-10 | 450 Stone,
Houston, TX    | M    | 55000.00 | NULL      |   1 |
| Jennifer | S     | Wallace | 987654321 | 1941-06-20 | 291 Berry,
Bellaire, TX   | F    | 43000.00 | 888665555 |   4 |
| Ahmad    | V     | Jabbar  | 987987987 | 1969-03-29 | 980 Dallas,
Houston, TX   | M    | 25000.00 | 987654321 |   4 |
| Alicia   | J     | Zelaya  | 999887777 | 1968-01-19 | 3321 Castle,
Spring, TX   | F    | 25000.00 | 987654321 |   4 |
+---------+-------+---------+-----------+------------
+-----------------------+------+----------+-----------+-----+
8 rows in set (0.00 sec)

mysql> select * from DEPARTMENT;
+----------------+---------+-----------+----------------+
| Dname          | Dnumber | Mgr_ssn   | Mgr_start_date |
+----------------+---------+-----------+----------------+
| Headquarters   |       1 | 888665555 | 1981-06-19     |
| Administration |       4 | 987654321 | 1995-01-01     |
| Research       |       5 | 333445555 | 1988-05-22     |
+----------------+---------+-----------+----------------+
3 rows in set (0.00 sec)

mysql> select * from DEPT_LOCATIONS;
+---------+-----------+
| Dnumber | Dlocation |
+---------+-----------+
|       1 | Houston   |
|       4 | Stafford  |
```

```
|         5 | Bellaire  |
|         5 | Houston   |
|         5 | Sugarland |
+---------+-----------+
5 rows in set (0.00 sec)

mysql> select * from WORKS_ON;
+-----------+-----+-------+
| Essn      | Pno | Hours |
+-----------+-----+-------+
| 123456789 |   1 |  32.5 |
| 123456789 |   2 |   7.5 |
| 333445555 |   2 |  10.0 |
| 333445555 |   3 |  10.0 |
| 333445555 |  10 |  10.0 |
| 333445555 |  20 |  10.0 |
| 453453453 |   1 |  20.0 |
| 453453453 |   2 |  20.0 |
| 666884444 |   3 |  40.0 |
| 888665555 |  20 |   0.0 |
| 987654321 |  20 |  15.0 |
| 987987987 |  10 |  35.0 |
| 987987987 |  30 |   5.0 |
| 999887777 |  10 |  10.0 |
| 999887777 |  30 |  30.0 |
+-----------+-----+-------+
15 rows in set (0.00 sec)


mysql> select * from PROJECT;
+-----------------+---------+-----------+------+
| Pname           | Pnumber | Plocation | Dnum |
+-----------------+---------+-----------+------+
| ProductX        |       1 | Bellaire  |    5 |
| ProductY        |       2 | Sugarland |    5 |
| ProductZ        |       3 | Houston   |    5 |
| Computerization |      10 | Stafford  |    4 |
| Reorganization  |      20 | Houston   |    1 |
| Newbenefits     |      30 | Stafford  |    4 |
+-----------------+---------+-----------+------+
6 rows in set (0.00 sec)
```

```
mysql> select * from dependent;
+-----------+----------------+------+------------+--------------+
| Essn      | Dependent_name | Sex  | Bdate      | Relationship |
+-----------+----------------+------+------------+--------------+
| 123456789 | Alice          | F    | 1988-01-04 | Daughter     |
| 123456789 | Elizabeth      | F    | 1967-05-05 | Spouse       |
| 123456789 | Michael        | M    | 1988-01-04 | Son          |
| 333445555 | Alice          | F    | 1986-04-05 | Daughter     |
| 333445555 | Joy            | F    | 1958-05-03 | Spouse       |
| 333445555 | Theodore       | M    | 1983-10-25 | Son          |
| 987654321 | Abner          | M    | 1942-02-28 | Spouse       |
+-----------+----------------+------+------------+--------------+
7 rows in set (0.00 sec)
```