Table Create and Insert

```sql
CREATE TABLE Jobs(

job_id VARCHAR2(10) PRIMARY KEY,

job_title VARCHAR2(35),

min_salary NUMBER(6),

max_salary NUMBER(6));
```

```sql
INSERT ALL

INTO JOBS VALUES('AD_PRES', 'President',20000,40000)

INTO JOBS VALUES('AD_VP', 'Administration Vice President',15000, 30000)

INTO JOBS VALUES('AD_ASST', 'Administration Assistant',3000, 6000)

INTO JOBS VALUES('AC_MGR', 'Account Manager',8200, 16000)

INTO JOBS VALUES('AC_ACCOUNT', 'Public Accountant',4200,9000)

INTO JOBS VALUES('SA_MAN', 'Sales Manager',10000, 20000)

INTO JOBS VALUES('SA_REP', 'Sales Representative',6000, 12000)

INTO JOBS VALUES('ST_MAN', 'Stock Manager',5500, 8500)

INTO JOBS VALUES('ST_CLERK', 'Stock Clerk',2000, 5000)

INTO JOBS VALUES('IT_PROG', 'Programmer',4000, 10000)

INTO JOBS VALUES('MK_MAN', 'Marketing Manager',9000, 15000)

INTO JOBS VALUES('MK_REP', 'Marketing Representative',4000, 9000)

SELECT * FROM dual;
```

```sql
CREATE TABLE Employees(

Employee_Id NUMBER(6) PRIMAY KEY,

First_Name VARCHAR2(20),

Last_Name VARCHAR2(25) NOT NULL,

Email VARCHAR2(25) NOT NULL,

Phone_Number VARCHAR2(15),

Hire_Date DATE NOT NULL,

Job_Id VARCHAR2(10) NOT NULL,

Salary NUMBER(8,2),

Commission_pct NUMBER(2,2),

Manager_id NUMBER(6),

Department_Id NUMBER(4));



INSERT ALL

INTO Employees VALUES(100, 'Steven','King', 'SKING','515.123.4567', 'JUN-17-2006', 'AD_PRESS',24000, NULL, NULL, 90)

INTO Employees VALUES(101, 'Neena','Kochar', 'NKOCHAR','515.123.4568', 'SEP-21-2008', 'AD_VP',17000, NULL, 100, 90)

INTO Employees VALUES(102, 'Lex','De Haan', 'DEHAAN','515.123.4569', 'JAN-13-2009', 'AD_VP',17000, NULL, 100, 90)

INTO Employees VALUES(103, 'Alexander','Hunold', 'AHUNOLD','590.423.4567', 'JAN-03-2008', 'IT_PROG',9000,NULL, 102, 60)
```

INTO Employees VALUES(104, 'Bruce','Ernst', 'BERNST','590.423.4568', 'MAY-21-2009', 'IT_PROG',6000,NULL, 103, 60)

INTO Employees VALUES(107, 'Diana','Lorentz', 'DLORENTZ','590.423.5567', 'FEB-07-2008', 'IT_PROG',4200,NULL, 103, 60)

INTO Employees VALUES(124, 'Kevin','Mourgos', 'KMORGOS','650.123.5234', 'NOV-16-2012', 'ST_MAN',5800,NULL, 100, 50)

INTO Employees VALUES(141, 'Treena','Rajs', 'RRAJS','650.121.5234', 'OCT-17-2004', 'ST_CLERK',3500,NULL, 124, 50)

INTO Employees VALUES(142, 'Curtis','Davies', 'CDAVIES','121.123.5234', 'JAN-29-2007', 'ST_CLERK',3100,NULL, 124, 50)

INTO Employees VALUES(143, 'Randall','Matos', 'RMATOS','121.123.5234', 'MAR-15-2008', 'ST_CLERK',2600,NULL, 124, 50)

INTO Employees VALUES(144, 'Peter','Vargas', 'PVARGAS','121.123.5234', 'JUL-09-2008', 'ST_CLERK',2500,NULL, 124, 50)

INTO Employees VALUES(149, 'Eleni','Zlotkey', 'EZLOTKEY','44.1344.429018', 'JAN-29-2014', 'SA_MAN',10500,.2, 100, 80)

INTO Employees VALUES(174, 'Ellen','Abel', 'EABEL','44.1644.429017', 'MAY-11-2004', 'SA_REP',11000,.3, 149, 80)

INTO Employees VALUES(176, 'Jnathon','Taylor', 'JTAILOR','44.1644.429021', 'MAR-24-2008', 'SA_MAN',8600,.2, 149, 80)

INTO Employees VALUES(178, 'Kimberely','Grant', 'KGRANT','44.1644.429023', 'MAY-24-2009', 'SA_MAN',7000,.15, 149, NULL)

INTO Employees VALUES(200, 'Jennifer','Whalem', 'JWHALEN','515.123.4444', 'SEP-17-2003', 'ADD_ASST',4400,NULL, 101, 10)

INTO Employees VALUES(201, 'Michael','Hartstein', 'MHARSTEIN','515.123.5555', 'FEB-17-2008', 'MK_MAN',13000,NULL, 100, 20)

INTO Employees VALUES(202, 'Pat','Fay','PFAY','603.123.6666', 'AUG-17-2010', 'MK_REP',6000,NULL, 201, 20)

```
INTO Employees VALUES(205, 'Shelley','Higgins', 'SHIGGINS','515.123.8050', 'JUN-
07-2007', 'AC_MGR',12000,NULL, 101, 110)

INTO Employees VALUES(206, 'William','Gietz', 'WGIETZ','515.123.8181', 'JUN-07-
2007', 'AC_ACCOUNT',8300,NULL, 205, 110)

SELECT * FROM dual;



CREATE TABLE Departments(

Department_id NUMBER(4) PRIMARY KEY,

Department_Name VARCHAR2(30) NOT NULL,

Manager_id NUMBER(6),

Location_id NUMBER(4));



INSERT ALL

INTO Departments VALUES(10, 'Administration',200,1700)

INTO Departments VALUES(20, 'Marketing',201,1800)

INTO Departments VALUES(50, 'Shipping',124,1500)

INTO Departments VALUES(60, 'IT',103,1400)

INTO Departments VALUES(80, 'Sales',149,2500)

INTO Departments VALUES(90, 'Executive',100,1700)

INTO Departments VALUES(110, 'Accounting',205,1700)

INTO Departments VALUES(190, 'Contracting',NULL,1700)

SELECT * FROM dual;
```

```sql
CREATE TABLE Locations(

Location_id NUMBER(4) PRIMARY KEY,

Street_Address VARCHAR2(40),

Postal_Code VARCHAR2(12),

City VARCHAR2(30) NOT NULL,

State_Province VARCHAR2(25),

Country_ID CHAR(2));


INSERT ALL

INTO Locations VALUES(1400, '2014 Jabberwocky Rd','26192','Southlake', 'Texas', 'US')

INTO Locations VALUES(1500, '2011 Interiors Blvd','99236','South San Francisco', 'California', 'US')

INTO Locations VALUES(1700, '2004 Charade Rd','98199', 'Seattle','Washington', 'US')

INTO Locations VALUES(1800, '460 Bloor St. W.','ON M5S 1X8', 'Toronto','Ontario', 'CA')

INTO Locations VALUES(2500, 'Magdalen Centre- The Oxford Sc. Park','OX9 9ZB', 'OXford','Oxford', 'UK')

SELECT * FROM dual;
```