```sql
CREATE TABLE Employee ( Fname VARCHAR2(7) NOT NULL, Minit CHAR(1), Lname
VARCHAR2(15) NOT NULL, Ssn CHAR(9) PRIMARY KEY, Bdate DATE, Address
VARCHAR2(30), Gender CHAR(1), Salary NUMBER(10, 2), Super_ssn CHAR(9), Dno
NUMBER(10) NOT NULL );
INSERT INTO Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender, Salary,
Super_ssn, Dno) VALUES ('John', 'B', 'Smith', '123456789', TO_DATE('1965-01-09',
'YYYY-MM-DD'), '731 Fondren, Houston, TX', 'M', 30000.00, '333445555', 5); INSERT INTO
Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender, Salary, Super_ssn, Dno)
VALUES ('Franklin', 'T', 'Wong', '333445555', TO_DATE('1955-12-08', 'YYYY-MM-DD'), '638
Voss, Houston, TX', 'M', 40000.00, '888665555', 5); INSERT INTO Employee (Fname, Minit,
Lname, Ssn, Bdate, Address, Gender, Salary, Super_ssn, Dno) VALUES ('Alicia', 'J', 'Zelaya',
'999887777', TO_DATE('1968-01-19', 'YYYY-MM-DD'), '3321 Castle, Spring, TX', 'F', 25000.00,
'987654321', 4); INSERT INTO Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender,
Salary, Super_ssn, Dno) VALUES ('Jennifer', 'S', 'Wallace', '987654321',
TO_DATE('1941-06-20', 'YYYY-MM-DD'), '291 Berry, Bellaire, TX', 'F', 43000.00, '888665555',
4); INSERT INTO Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender, Salary,
Super_ssn, Dno) VALUES ('Ramesh', 'K', 'Narayan', '666884444', TO_DATE('1962-09-15',
'YYYY-MM-DD'), '975 Rice Oak, Humble, TX', 'M', 38000.00, '333445555', 5); INSERT INTO
Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender, Salary, Super_ssn, Dno)
VALUES ('Joyce', 'A', 'English', '453453453', TO_DATE('1972-07-31', 'YYYY-MM-DD'), '5631
Rice, Houston, TX', 'F', 25000.00, '333445555', 5); INSERT INTO Employee (Fname, Minit,
Lname, Ssn, Bdate, Address, Gender, Salary, Super_ssn, Dno) VALUES ('Ahmad', 'V', 'Jabbar',
'987987987', TO_DATE('1969-03-29', 'YYYY-MM-DD'), '980 Dallas, Houston, TX', 'M', 25000.00,
'987654321', 4); INSERT INTO Employee (Fname, Minit, Lname, Ssn, Bdate, Address, Gender,
Salary, Super_ssn, Dno) VALUES ('James', 'E', 'Borg', '888665555', TO_DATE('1937-11-10',
'YYYY-MM-DD'), '450 Stone, Houston, TX', 'M', 55000.00, NULL, 1);
CREATE TABLE Department ( Dname VARCHAR2(15) NOT NULL, Dnumber NUMBER(10)
PRIMARY KEY, Mgr_ssn CHAR(9) NOT NULL, Mgr_start_date DATE, FOREIGN KEY
(Mgr_ssn) REFERENCES Employee(Ssn) );
INSERT INTO Department (Dname, Dnumber, Mgr_ssn, Mgr_start_date) VALUES ('Research',
5, '333445555', TO_DATE('1988-05-22', 'YYYY-MM-DD')); INSERT INTO Department (Dname,
Dnumber, Mgr_ssn, Mgr_start_date) VALUES ('Administration', 4, '987654321',
TO_DATE('1995-01-01', 'YYYY-MM-DD')); INSERT INTO Department (Dname, Dnumber,
Mgr_ssn, Mgr_start_date) VALUES ('Headquarters', 1, '888665555', TO_DATE('1981-06-19',
'YYYY-MM-DD'));
CREATE TABLE Dept_locations ( Dnumber NUMBER(10) NOT NULL, Dlocation
VARCHAR2(15) NOT NULL, PRIMARY KEY (Dnumber, Dlocation), FOREIGN KEY (Dnumber)
REFERENCES Department(Dnumber) );
INSERT INTO Dept_locations (Dnumber, Dlocation) VALUES (1, 'Houston'); INSERT INTO
Dept_locations (Dnumber, Dlocation) VALUES (4, 'Stafford'); INSERT INTO Dept_locations
(Dnumber, Dlocation) VALUES (5, 'Bellaire'); INSERT INTO Dept_locations (Dnumber,
Dlocation) VALUES (5, 'Sugarland'); INSERT INTO Dept_locations (Dnumber, Dlocation)
VALUES (5, 'Houston');
CREATE TABLE Project ( Pname VARCHAR2(15) NOT NULL UNIQUE, Pnumber
NUMBER(10) PRIMARY KEY, Plocation VARCHAR2(15), Dnum NUMBER(10) NOT NULL,
FOREIGN KEY (Dnum) REFERENCES Department(Dnumber) );
INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('ProductX', 1, 'Bellaire',
5); INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('ProductY', 2,
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'Sugarland', 5); INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('ProductZ', 3, 'Houston', 5); INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('Computerization', 10, 'Stafford', 4); INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('Reorganization', 20, 'Houston', 1); INSERT INTO Project (Pname, Pnumber, Plocation, Dnum) VALUES ('Newbenefits', 30, 'Stafford', 4);
CREATE TABLE Works_on (Essn CHAR(9) NOT NULL, Pno NUMBER(10) NOT NULL, Hours NUMBER(3, 1) NOT NULL, PRIMARY KEY (Essn, Pno), FOREIGN KEY (Essn) REFERENCES Employee(Ssn), FOREIGN KEY (Pno) REFERENCES Project(Pnumber));
INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('123456789', 1, 32.5); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('123456789', 2, 7.5); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('666884444', 3, 40.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('453453453', 1, 20.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('453453453', 2, 20.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('333445555', 2, 10.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('333445555', 3, 10.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('333445555', 10, 10.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('333445555', 20, 10.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('999887777', 30, 30.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('999887777', 10, 10.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('987987987', 10, 35.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('987987987', 30, 5.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('987654321', 30, 20.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('987654321', 20, 15.0); INSERT INTO Works_on (Essn, Pno, Hours) VALUES ('888665555', 20, 0.0);
CREATE TABLE Dependent (Essn CHAR(9) NOT NULL, Dependent_name VARCHAR2(15) NOT NULL, Gender CHAR(1), Bdate DATE NOT NULL, Relationship VARCHAR2(8), PRIMARY KEY (Essn, Dependent_name), FOREIGN KEY (Essn) REFERENCES Employee(Ssn));
INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('333445555', 'Alice', 'F', TO_DATE('1986-04-05', 'YYYY-MM-DD'), 'Daughter'); INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('333445555', 'Theodore', 'M', TO_DATE('1983-10-25', 'YYYY-MM-DD'), 'Son'); INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('333445555', 'Joy', 'F', TO_DATE('1958-05-03', 'YYYY-MM-DD'), 'Spouse'); INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('987654321', 'Abner', 'M', TO_DATE('1942-02-28', 'YYYY-MM-DD'), 'Spouse'); INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('123456789', 'Michael', 'M', TO_DATE('1988-01-04', 'YYYY-MM-DD'), 'Son'); INSERT INTO Dependent (Essn, Dependent_name, Gender, Bdate, Relationship) VALUES ('123456789', 'Elizabeth', 'F', TO_DATE('1967-05-05', 'YYYY-MM-DD'), 'Daughter');