ASSIGNMENT

CREATE DATABASE HR;

USE hr;

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*CREATING TABLES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*/

CREATE TABLE regions (

region\_id INT (11) UNSIGNED NOT NULL,

region\_name VARCHAR(25),

PRIMARY KEY (region\_id)

);

CREATE TABLE countries (

country\_id CHAR(2) NOT NULL,

country\_name VARCHAR(40),

region\_id INT (11) UNSIGNED NOT NULL,

PRIMARY KEY (country\_id)

);

CREATE TABLE locations (

location\_id INT (11) UNSIGNED NOT NULL AUTO\_INCREMENT,

street\_address VARCHAR(40),

postal\_code VARCHAR(12),

city VARCHAR(30) NOT NULL,

state\_province VARCHAR(25),

country\_id CHAR(2) NOT NULL,

PRIMARY KEY (location\_id)

);

CREATE TABLE departments (

department\_id INT (11) UNSIGNED NOT NULL,

department\_name VARCHAR(30) NOT NULL,

manager\_id INT (11) UNSIGNED,

location\_id INT (11) UNSIGNED,

PRIMARY KEY (department\_id)

);

CREATE TABLE jobs (

job\_id VARCHAR(10) NOT NULL,

job\_title VARCHAR(35) NOT NULL,

min\_salary DECIMAL(8, 0) UNSIGNED,

max\_salary DECIMAL(8, 0) UNSIGNED,

PRIMARY KEY (job\_id)

);

CREATE TABLE employees (

employee\_id INT (11) UNSIGNED NOT NULL,

first\_name VARCHAR(20),

last\_name VARCHAR(25) NOT NULL,

email VARCHAR(25) NOT NULL,

phone\_number VARCHAR(20),

hire\_date DATE NOT NULL,

job\_id VARCHAR(10) NOT NULL,

salary DECIMAL(8, 2) NOT NULL,

commission\_pct DECIMAL(2, 2),

manager\_id INT (11) UNSIGNED,

department\_id INT (11) UNSIGNED,

PRIMARY KEY (employee\_id)

);

CREATE TABLE job\_history (

employee\_id INT (11) UNSIGNED NOT NULL,

start\_date DATE NOT NULL,

end\_date DATE NOT NULL,

job\_id VARCHAR(10) NOT NULL,

department\_id INT (11) UNSIGNED NOT NULL

);

ALTER TABLE job\_history ADD UNIQUE INDEX (

employee\_id,

start\_date

);

CREATE VIEW emp\_details\_view

AS

SELECT e.employee\_id,

e.job\_id,

e.manager\_id,

e.department\_id,

d.location\_id,

l.country\_id,

e.first\_name,

e.last\_name,

e.salary,

e.commission\_pct,

d.department\_name,

j.job\_title,

l.city,

l.state\_province,

c.country\_name,

r.region\_name

FROM employees e,

departments d,

jobs j,

locations l,

countries c,

regions r

WHERE e.department\_id = d.department\_id

AND d.location\_id = l.location\_id

AND l.country\_id = c.country\_id

AND c.region\_id = r.region\_id

AND j.job\_id = e.job\_id;

INSERT INTO regions

VALUES (

1,

'Europe'

);

INSERT INTO regions

VALUES (

2,

'Americas'

);

INSERT INTO regions

VALUES (

3,

'Asia'

);

INSERT INTO regions

VALUES (

4,

'Middle East and Africa'

);

COMMIT;

INSERT INTO countries

VALUES (

'IT',

'Italy',

1

);

INSERT INTO countries

VALUES (

'JP',

'Japan',

3

);

INSERT INTO countries

VALUES (

'US',

'United States of America',

2

);

INSERT INTO countries

VALUES (

'CA',

'Canada',

2

);

INSERT INTO countries

VALUES (

'CN',

'China',

3

);

INSERT INTO countries

VALUES (

'IN',

'India',

3

);

INSERT INTO countries

VALUES (

'AU',

'Australia',

3

);

INSERT INTO countries

VALUES (

'ZW',

'Zimbabwe',

4

);

INSERT INTO countries

VALUES (

'SG',

'Singapore',

3

);

INSERT INTO countries

VALUES (

'UK',

'United Kingdom',

1

);

INSERT INTO countries

VALUES (

'FR',

'France',

1

);

INSERT INTO countries

VALUES (

'DE',

'Germany',

1

);

INSERT INTO countries

VALUES (

'ZM',

'Zambia',

4

);

INSERT INTO countries

VALUES (

'EG',

'Egypt',

4

);

INSERT INTO countries

VALUES (

'BR',

'Brazil',

2

);

INSERT INTO countries

VALUES (

'CH',

'Switzerland',

1

);

INSERT INTO countries

VALUES (

'NL',

'Netherlands',

1

);

INSERT INTO countries

VALUES (

'MX',

'Mexico',

2

);

INSERT INTO countries

VALUES (

'KW',

'Kuwait',

4

);

INSERT INTO countries

VALUES (

'IL',

'Israel',

4

);

INSERT INTO countries

VALUES (

'DK',

'Denmark',

1

);

INSERT INTO countries

VALUES (

'HK',

'HongKong',

3

);

INSERT INTO countries

VALUES (

'NG',

'Nigeria',

4

);

INSERT INTO countries

VALUES (

'AR',

'Argentina',

2

);

INSERT INTO countries

VALUES (

'BE',

'Belgium',

1

);

COMMIT;

INSERT INTO locations

VALUES (

1000,

'1297 Via Cola di Rie',

'00989',

'Roma',

NULL,

'IT'

);

INSERT INTO locations

VALUES (

1100,

'93091 Calle della Testa',

'10934',

'Venice',

NULL,

'IT'

);

INSERT INTO locations

VALUES (

1200,

'2017 Shinjuku-ku',

'1689',

'Tokyo',

'Tokyo Prefecture',

'JP'

);

INSERT INTO locations

VALUES (

1300,

'9450 Kamiya-cho',

'6823',

'Hiroshima',

NULL,

'JP'

);

INSERT INTO locations

VALUES (

1400,

'2014 Jabberwocky Rd',

'26192',

'Southlake',

'Texas',

'US'

);

INSERT INTO locations

VALUES (

1500,

'2011 Interiors Blvd',

'99236',

'South San Francisco',

'California',

'US'

);

INSERT INTO locations

VALUES (

1600,

'2007 Zagora St',

'50090',

'South Brunswick',

'New Jersey',

'US'

);

INSERT INTO locations

VALUES (

1700,

'2004 Charade Rd',

'98199',

'Seattle',

'Washington',

'US'

);

INSERT INTO locations

VALUES (

1800,

'147 Spadina Ave',

'M5V 2L7',

'Toronto',

'Ontario',

'CA'

);

INSERT INTO locations

VALUES (

1900,

'6092 Boxwood St',

'YSW 9T2',

'Whitehorse',

'Yukon',

'CA'

);

INSERT INTO locations

VALUES (

2000,

'40-5-12 Laogianggen',

'190518',

'Beijing',

NULL,

'CN'

);

INSERT INTO locations

VALUES (

2100,

'1298 Vileparle (E)',

'490231',

'Bombay',

'Maharashtra',

'IN'

);

INSERT INTO locations

VALUES (

2200,

'12-98 Victoria Street',

'2901',

'Sydney',

'New South Wales',

'AU'

);

INSERT INTO locations

VALUES (

2300,

'198 Clementi North',

'540198',

'Singapore',

NULL,

'SG'

);

INSERT INTO locations

VALUES (

2400,

'8204 Arthur St',

NULL,

'London',

NULL,

'UK'

);

INSERT INTO locations

VALUES (

2500,

'Magdalen Centre, The Oxford Science Park',

'OX9 9ZB',

'Oxford',

'Oxford',

'UK'

);

INSERT INTO locations

VALUES (

2600,

'9702 Chester Road',

'09629850293',

'Stretford',

'Manchester',

'UK'

);

INSERT INTO locations

VALUES (

2700,

'Schwanthalerstr. 7031',

'80925',

'Munich',

'Bavaria',

'DE'

);

INSERT INTO locations

VALUES (

2800,

'Rua Frei Caneca 1360 ',

'01307-002',

'Sao Paulo',

'Sao Paulo',

'BR'

);

INSERT INTO locations

VALUES (

2900,

'20 Rue des Corps-Saints',

'1730',

'Geneva',

'Geneve',

'CH'

);

INSERT INTO locations

VALUES (

3000,

'Murtenstrasse 921',

'3095',

'Bern',

'BE',

'CH'

);

INSERT INTO locations

VALUES (

3100,

'Pieter Breughelstraat 837',

'3029SK',

'Utrecht',

'Utrecht',

'NL'

);

INSERT INTO locations

VALUES (

3200,

'Mariano Escobedo 9991',

'11932',

'Mexico City',

'Distrito Federal,',

'MX'

);

COMMIT;

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*INSERTING DATA\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*/

SET FOREIGN\_KEY\_CHECKS = 0;

INSERT INTO departments

VALUES (

10,

'Administration',

200,

1700

);

INSERT INTO departments

VALUES (

20,

'Marketing',

201,

1800

);

INSERT INTO departments

VALUES (

30,

'Purchasing',

114,

1700

);

INSERT INTO departments

VALUES (

40,

'Human Resources',

203,

2400

);

INSERT INTO departments

VALUES (

50,

'Shipping',

121,

1500

);

INSERT INTO departments

VALUES (

60,

'IT',

103,

1400

);

INSERT INTO departments

VALUES (

70,

'Public Relations',

204,

2700

);

INSERT INTO departments

VALUES (

80,

'Sales',

145,

2500

);

INSERT INTO departments

VALUES (

90,

'Executive',

100,

1700

);

INSERT INTO departments

VALUES (

100,

'Finance',

108,

1700

);

INSERT INTO departments

VALUES (

110,

'Accounting',

205,

1700

);

INSERT INTO departments

VALUES (

120,

'Treasury',

NULL,

1700

);

INSERT INTO departments

VALUES (

130,

'Corporate Tax',

NULL,

1700

);

INSERT INTO departments

VALUES (

140,

'Control And Credit',

NULL,

1700

);

INSERT INTO departments

VALUES (

150,

'Shareholder Services',

NULL,

1700

);

INSERT INTO departments

VALUES (

160,

'Benefits',

NULL,

1700

);

INSERT INTO departments

VALUES (

170,

'Manufacturing',

NULL,

1700

);

INSERT INTO departments

VALUES (

180,

'Construction',

NULL,

1700

);

INSERT INTO departments

VALUES (

190,

'Contracting',

NULL,

1700

);

INSERT INTO departments

VALUES (

200,

'Operations',

NULL,

1700

);

INSERT INTO departments

VALUES (

210,

'IT Support',

NULL,

1700

);

INSERT INTO departments

VALUES (

220,

'NOC',

NULL,

1700

);

INSERT INTO departments

VALUES (

230,

'IT Helpdesk',

NULL,

1700

);

INSERT INTO departments

VALUES (

240,

'Government Sales',

NULL,

1700

);

INSERT INTO departments

VALUES (

250,

'Retail Sales',

NULL,

1700

);

INSERT INTO departments

VALUES (

260,

'Recruiting',

NULL,

1700

);

INSERT INTO departments

VALUES (

270,

'Payroll',

NULL,

1700

);

SET FOREIGN\_KEY\_CHECKS = 1;

COMMIT;

INSERT INTO jobs

VALUES (

'AD\_PRES',

'President',

20000,

40000

);

INSERT INTO jobs

VALUES (

'AD\_VP',

'Administration Vice President',

15000,

30000

);

INSERT INTO jobs

VALUES (

'AD\_ASST',

'Administration Assistant',

3000,

6000

);

INSERT INTO jobs

VALUES (

'FI\_MGR',

'Finance Manager',

8200,

16000

);

INSERT INTO jobs

VALUES (

'FI\_ACCOUNT',

'Accountant',

4200,

9000

);

INSERT INTO jobs

VALUES (

'AC\_MGR',

'Accounting Manager',

8200,

16000

);

INSERT INTO jobs

VALUES (

'AC\_ACCOUNT',

'Public Accountant',

4200,

9000

);

INSERT INTO jobs

VALUES (

'SA\_MAN',

'Sales Manager',

10000,

20000

);

INSERT INTO jobs

VALUES (

'SA\_REP',

'Sales Representative',

6000,

12000

);

INSERT INTO jobs

VALUES (

'PU\_MAN',

'Purchasing Manager',

8000,

15000

);

INSERT INTO jobs

VALUES (

'PU\_CLERK',

'Purchasing Clerk',

2500,

5500

);

INSERT INTO jobs

VALUES (

'ST\_MAN',

'Stock Manager',

5500,

8500

);

INSERT INTO jobs

VALUES (

'ST\_CLERK',

'Stock Clerk',

2000,

5000

);

INSERT INTO jobs

VALUES (

'SH\_CLERK',

'Shipping Clerk',

2500,

5500

);

INSERT INTO jobs

VALUES (

'IT\_PROG',

'Programmer',

4000,

10000

);

INSERT INTO jobs

VALUES (

'MK\_MAN',

'Marketing Manager',

9000,

15000

);

INSERT INTO jobs

VALUES (

'MK\_REP',

'Marketing Representative',

4000,

9000

);

INSERT INTO jobs

VALUES (

'HR\_REP',

'Human Resources Representative',

4000,

9000

);

INSERT INTO jobs

VALUES (

'PR\_REP',

'Public Relations Representative',

4500,

10500

);

COMMIT;

INSERT INTO employees

VALUES (

100,

'Steven',

'King',

'SKING',

'515.123.4567',

STR\_TO\_DATE('17-JUN-1987', '%d-%M-%Y'),

'AD\_PRES',

24000,

NULL,

NULL,

90

);

INSERT INTO employees

VALUES (

101,

'Neena',

'Kochhar',

'NKOCHHAR',

'515.123.4568',

STR\_TO\_DATE('21-SEP-1989', '%d-%M-%Y'),

'AD\_VP',

17000,

NULL,

100,

90

);

INSERT INTO employees

VALUES (

102,

'Lex',

'De Haan',

'LDEHAAN',

'515.123.4569',

STR\_TO\_DATE('13-JAN-1993', '%d-%M-%Y'),

'AD\_VP',

17000,

NULL,

100,

90

);

INSERT INTO employees

VALUES (

103,

'Alexander',

'Hunold',

'AHUNOLD',

'590.423.4567',

STR\_TO\_DATE('03-JAN-1990', '%d-%M-%Y'),

'IT\_PROG',

9000,

NULL,

102,

60

);

INSERT INTO employees

VALUES (

104,

'Bruce',

'Ernst',

'BERNST',

'590.423.4568',

STR\_TO\_DATE('21-MAY-1991', '%d-%M-%Y'),

'IT\_PROG',

6000,

NULL,

103,

60

);

INSERT INTO employees

VALUES (

105,

'David',

'Austin',

'DAUSTIN',

'590.423.4569',

STR\_TO\_DATE('25-JUN-1997', '%d-%M-%Y'),

'IT\_PROG',

4800,

NULL,

103,

60

);

INSERT INTO employees

VALUES (

106,

'Valli',

'Pataballa',

'VPATABAL',

'590.423.4560',

STR\_TO\_DATE('05-FEB-1998', '%d-%M-%Y'),

'IT\_PROG',

4800,

NULL,

103,

60

);

INSERT INTO employees

VALUES (

107,

'Diana',

'Lorentz',

'DLORENTZ',

'590.423.5567',

STR\_TO\_DATE('07-FEB-1999', '%d-%M-%Y'),

'IT\_PROG',

4200,

NULL,

103,

60

);

INSERT INTO employees

VALUES (

108,

'Nancy',

'Greenberg',

'NGREENBE',

'515.124.4569',

STR\_TO\_DATE('17-AUG-1994', '%d-%M-%Y'),

'FI\_MGR',

12000,

NULL,

101,

100

);

INSERT INTO employees

VALUES (

109,

'Daniel',

'Faviet',

'DFAVIET',

'515.124.4169',

STR\_TO\_DATE('16-AUG-1994', '%d-%M-%Y'),

'FI\_ACCOUNT',

9000,

NULL,

108,

100

);

INSERT INTO employees

VALUES (

110,

'John',

'Chen',

'JCHEN',

'515.124.4269',

STR\_TO\_DATE('28-SEP-1997', '%d-%M-%Y'),

'FI\_ACCOUNT',

8200,

NULL,

108,

100

);

INSERT INTO employees

VALUES (

111,

'Ismael',

'Sciarra',

'ISCIARRA',

'515.124.4369',

STR\_TO\_DATE('30-SEP-1997', '%d-%M-%Y'),

'FI\_ACCOUNT',

7700,

NULL,

108,

100

);

INSERT INTO employees

VALUES (

112,

'Jose Manuel',

'Urman',

'JMURMAN',

'515.124.4469',

STR\_TO\_DATE('07-MAR-1998', '%d-%M-%Y'),

'FI\_ACCOUNT',

7800,

NULL,

108,

100

);

INSERT INTO employees

VALUES (

113,

'Luis',

'Popp',

'LPOPP',

'515.124.4567',

STR\_TO\_DATE('07-DEC-1999', '%d-%M-%Y'),

'FI\_ACCOUNT',

6900,

NULL,

108,

100

);

INSERT INTO employees

VALUES (

114,

'Den',

'Raphaely',

'DRAPHEAL',

'515.127.4561',

STR\_TO\_DATE('07-DEC-1994', '%d-%M-%Y'),

'PU\_MAN',

11000,

NULL,

100,

30

);

INSERT INTO employees

VALUES (

115,

'Alexander',

'Khoo',

'AKHOO',

'515.127.4562',

STR\_TO\_DATE('18-MAY-1995', '%d-%M-%Y'),

'PU\_CLERK',

3100,

NULL,

114,

30

);

INSERT INTO employees

VALUES (

116,

'Shelli',

'Baida',

'SBAIDA',

'515.127.4563',

STR\_TO\_DATE('24-DEC-1997', '%d-%M-%Y'),

'PU\_CLERK',

2900,

NULL,

114,

30

);

INSERT INTO employees

VALUES (

117,

'Sigal',

'Tobias',

'STOBIAS',

'515.127.4564',

STR\_TO\_DATE('24-JUL-1997', '%d-%M-%Y'),

'PU\_CLERK',

2800,

NULL,

114,

30

);

INSERT INTO employees

VALUES (

118,

'Guy',

'Himuro',

'GHIMURO',

'515.127.4565',

STR\_TO\_DATE('15-NOV-1998', '%d-%M-%Y'),

'PU\_CLERK',

2600,

NULL,

114,

30

);

INSERT INTO employees

VALUES (

119,

'Karen',

'Colmenares',

'KCOLMENA',

'515.127.4566',

STR\_TO\_DATE('10-AUG-1999', '%d-%M-%Y'),

'PU\_CLERK',

2500,

NULL,

114,

30

);

INSERT INTO employees

VALUES (

120,

'Matthew',

'Weiss',

'MWEISS',

'650.123.1234',

STR\_TO\_DATE('18-JUL-1996', '%d-%M-%Y'),

'ST\_MAN',

8000,

NULL,

100,

50

);

INSERT INTO employees

VALUES (

121,

'Adam',

'Fripp',

'AFRIPP',

'650.123.2234',

STR\_TO\_DATE('10-APR-1997', '%d-%M-%Y'),

'ST\_MAN',

8200,

NULL,

100,

50

);

INSERT INTO employees

VALUES (

122,

'Payam',

'Kaufling',

'PKAUFLIN',

'650.123.3234',

STR\_TO\_DATE('01-MAY-1995', '%d-%M-%Y'),

'ST\_MAN',

7900,

NULL,

100,

50

);

INSERT INTO employees

VALUES (

123,

'Shanta',

'Vollman',

'SVOLLMAN',

'650.123.4234',

STR\_TO\_DATE('10-OCT-1997', '%d-%M-%Y'),

'ST\_MAN',

6500,

NULL,

100,

50

);

INSERT INTO employees

VALUES (

124,

'Kevin',

'Mourgos',

'KMOURGOS',

'650.123.5234',

STR\_TO\_DATE('16-NOV-1999', '%d-%M-%Y'),

'ST\_MAN',

5800,

NULL,

100,

50

);

INSERT INTO employees

VALUES (

125,

'Julia',

'Nayer',

'JNAYER',

'650.124.1214',

STR\_TO\_DATE('16-JUL-1997', '%d-%M-%Y'),

'ST\_CLERK',

3200,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

126,

'Irene',

'Mikkilineni',

'IMIKKILI',

'650.124.1224',

STR\_TO\_DATE('28-SEP-1998', '%d-%M-%Y'),

'ST\_CLERK',

2700,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

127,

'James',

'Landry',

'JLANDRY',

'650.124.1334',

STR\_TO\_DATE('14-JAN-1999', '%d-%M-%Y'),

'ST\_CLERK',

2400,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

128,

'Steven',

'Markle',

'SMARKLE',

'650.124.1434',

STR\_TO\_DATE('08-MAR-2000', '%d-%M-%Y'),

'ST\_CLERK',

2200,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

129,

'Laura',

'Bissot',

'LBISSOT',

'650.124.5234',

STR\_TO\_DATE('20-AUG-1997', '%d-%M-%Y'),

'ST\_CLERK',

3300,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

130,

'Mozhe',

'Atkinson',

'MATKINSO',

'650.124.6234',

STR\_TO\_DATE('30-OCT-1997', '%d-%M-%Y'),

'ST\_CLERK',

2800,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

131,

'James',

'Marlow',

'JAMRLOW',

'650.124.7234',

STR\_TO\_DATE('16-FEB-1997', '%d-%M-%Y'),

'ST\_CLERK',

2500,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

132,

'TJ',

'Olson',

'TJOLSON',

'650.124.8234',

STR\_TO\_DATE('10-APR-1999', '%d-%M-%Y'),

'ST\_CLERK',

2100,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

133,

'Jason',

'Mallin',

'JMALLIN',

'650.127.1934',

STR\_TO\_DATE('14-JUN-1996', '%d-%M-%Y'),

'ST\_CLERK',

3300,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

134,

'Michael',

'Rogers',

'MROGERS',

'650.127.1834',

STR\_TO\_DATE('26-AUG-1998', '%d-%M-%Y'),

'ST\_CLERK',

2900,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

135,

'Ki',

'Gee',

'KGEE',

'650.127.1734',

STR\_TO\_DATE('12-DEC-1999', '%d-%M-%Y'),

'ST\_CLERK',

2400,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

136,

'Hazel',

'Philtanker',

'HPHILTAN',

'650.127.1634',

STR\_TO\_DATE('06-FEB-2000', '%d-%M-%Y'),

'ST\_CLERK',

2200,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

137,

'Renske',

'Ladwig',

'RLADWIG',

'650.121.1234',

STR\_TO\_DATE('14-JUL-1995', '%d-%M-%Y'),

'ST\_CLERK',

3600,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

138,

'Stephen',

'Stiles',

'SSTILES',

'650.121.2034',

STR\_TO\_DATE('26-OCT-1997', '%d-%M-%Y'),

'ST\_CLERK',

3200,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

139,

'John',

'Seo',

'JSEO',

'650.121.2019',

STR\_TO\_DATE('12-FEB-1998', '%d-%M-%Y'),

'ST\_CLERK',

2700,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

140,

'Joshua',

'Patel',

'JPATEL',

'650.121.1834',

STR\_TO\_DATE('06-APR-1998', '%d-%M-%Y'),

'ST\_CLERK',

2500,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

141,

'Trenna',

'Rajs',

'TRAJS',

'650.121.8009',

STR\_TO\_DATE('17-OCT-1995', '%d-%M-%Y'),

'ST\_CLERK',

3500,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

142,

'Curtis',

'Davies',

'CDAVIES',

'650.121.2994',

STR\_TO\_DATE('29-JAN-1997', '%d-%M-%Y'),

'ST\_CLERK',

3100,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

143,

'Randall',

'Matos',

'RMATOS',

'650.121.2874',

STR\_TO\_DATE('15-MAR-1998', '%d-%M-%Y'),

'ST\_CLERK',

2600,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

144,

'Peter',

'Vargas',

'PVARGAS',

'650.121.2004',

STR\_TO\_DATE('09-JUL-1998', '%d-%M-%Y'),

'ST\_CLERK',

2500,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

145,

'John',

'Russell',

'JRUSSEL',

'011.44.1344.429268',

STR\_TO\_DATE('01-OCT-1996', '%d-%M-%Y'),

'SA\_MAN',

14000,

.4,

100,

80

);

INSERT INTO employees

VALUES (

146,

'Karen',

'Partners',

'KPARTNER',

'011.44.1344.467268',

STR\_TO\_DATE('05-JAN-1997', '%d-%M-%Y'),

'SA\_MAN',

13500,

.3,

100,

80

);

INSERT INTO employees

VALUES (

147,

'Alberto',

'Errazuriz',

'AERRAZUR',

'011.44.1344.429278',

STR\_TO\_DATE('10-MAR-1997', '%d-%M-%Y'),

'SA\_MAN',

12000,

.3,

100,

80

);

INSERT INTO employees

VALUES (

148,

'Gerald',

'Cambrault',

'GCAMBRAU',

'011.44.1344.619268',

STR\_TO\_DATE('15-OCT-1999', '%d-%M-%Y'),

'SA\_MAN',

11000,

.3,

100,

80

);

INSERT INTO employees

VALUES (

149,

'Eleni',

'Zlotkey',

'EZLOTKEY',

'011.44.1344.429018',

STR\_TO\_DATE('29-JAN-2000', '%d-%M-%Y'),

'SA\_MAN',

10500,

.2,

100,

80

);

INSERT INTO employees

VALUES (

150,

'Peter',

'Tucker',

'PTUCKER',

'011.44.1344.129268',

STR\_TO\_DATE('30-JAN-1997', '%d-%M-%Y'),

'SA\_REP',

10000,

.3,

145,

80

);

INSERT INTO employees

VALUES (

151,

'David',

'Bernstein',

'DBERNSTE',

'011.44.1344.345268',

STR\_TO\_DATE('24-MAR-1997', '%d-%M-%Y'),

'SA\_REP',

9500,

.25,

145,

80

);

INSERT INTO employees

VALUES (

152,

'Peter',

'Hall',

'PHALL',

'011.44.1344.478968',

STR\_TO\_DATE('20-AUG-1997', '%d-%M-%Y'),

'SA\_REP',

9000,

.25,

145,

80

);

INSERT INTO employees

VALUES (

153,

'Christopher',

'Olsen',

'COLSEN',

'011.44.1344.498718',

STR\_TO\_DATE('30-MAR-1998', '%d-%M-%Y'),

'SA\_REP',

8000,

.2,

145,

80

);

INSERT INTO employees

VALUES (

154,

'Nanette',

'Cambrault',

'NCAMBRAU',

'011.44.1344.987668',

STR\_TO\_DATE('09-DEC-1998', '%d-%M-%Y'),

'SA\_REP',

7500,

.2,

145,

80

);

INSERT INTO employees

VALUES (

155,

'Oliver',

'Tuvault',

'OTUVAULT',

'011.44.1344.486508',

STR\_TO\_DATE('23-NOV-1999', '%d-%M-%Y'),

'SA\_REP',

7000,

.15,

145,

80

);

INSERT INTO employees

VALUES (

156,

'Janette',

'King',

'JKING',

'011.44.1345.429268',

STR\_TO\_DATE('30-JAN-1996', '%d-%M-%Y'),

'SA\_REP',

10000,

.35,

146,

80

);

INSERT INTO employees

VALUES (

157,

'Patrick',

'Sully',

'PSULLY',

'011.44.1345.929268',

STR\_TO\_DATE('04-MAR-1996', '%d-%M-%Y'),

'SA\_REP',

9500,

.35,

146,

80

);

INSERT INTO employees

VALUES (

158,

'Allan',

'McEwen',

'AMCEWEN',

'011.44.1345.829268',

STR\_TO\_DATE('01-AUG-1996', '%d-%M-%Y'),

'SA\_REP',

9000,

.35,

146,

80

);

INSERT INTO employees

VALUES (

159,

'Lindsey',

'Smith',

'LSMITH',

'011.44.1345.729268',

STR\_TO\_DATE('10-MAR-1997', '%d-%M-%Y'),

'SA\_REP',

8000,

.3,

146,

80

);

INSERT INTO employees

VALUES (

160,

'Louise',

'Doran',

'LDORAN',

'011.44.1345.629268',

STR\_TO\_DATE('15-DEC-1997', '%d-%M-%Y'),

'SA\_REP',

7500,

.3,

146,

80

);

INSERT INTO employees

VALUES (

161,

'Sarath',

'Sewall',

'SSEWALL',

'011.44.1345.529268',

STR\_TO\_DATE('03-NOV-1998', '%d-%M-%Y'),

'SA\_REP',

7000,

.25,

146,

80

);

INSERT INTO employees

VALUES (

162,

'Clara',

'Vishney',

'CVISHNEY',

'011.44.1346.129268',

STR\_TO\_DATE('11-NOV-1997', '%d-%M-%Y'),

'SA\_REP',

10500,

.25,

147,

80

);

INSERT INTO employees

VALUES (

163,

'Danielle',

'Greene',

'DGREENE',

'011.44.1346.229268',

STR\_TO\_DATE('19-MAR-1999', '%d-%M-%Y'),

'SA\_REP',

9500,

.15,

147,

80

);

INSERT INTO employees

VALUES (

164,

'Mattea',

'Marvins',

'MMARVINS',

'011.44.1346.329268',

STR\_TO\_DATE('24-JAN-2000', '%d-%M-%Y'),

'SA\_REP',

7200,

.10,

147,

80

);

INSERT INTO employees

VALUES (

165,

'David',

'Lee',

'DLEE',

'011.44.1346.529268',

STR\_TO\_DATE('23-FEB-2000', '%d-%M-%Y'),

'SA\_REP',

6800,

.1,

147,

80

);

INSERT INTO employees

VALUES (

166,

'Sundar',

'Ande',

'SANDE',

'011.44.1346.629268',

STR\_TO\_DATE('24-MAR-2000', '%d-%M-%Y'),

'SA\_REP',

6400,

.10,

147,

80

);

INSERT INTO employees

VALUES (

167,

'Amit',

'Banda',

'ABANDA',

'011.44.1346.729268',

STR\_TO\_DATE('21-APR-2000', '%d-%M-%Y'),

'SA\_REP',

6200,

.10,

147,

80

);

INSERT INTO employees

VALUES (

168,

'Lisa',

'Ozer',

'LOZER',

'011.44.1343.929268',

STR\_TO\_DATE('11-MAR-1997', '%d-%M-%Y'),

'SA\_REP',

11500,

.25,

148,

80

);

INSERT INTO employees

VALUES (

169,

'Harrison',

'Bloom',

'HBLOOM',

'011.44.1343.829268',

STR\_TO\_DATE('23-MAR-1998', '%d-%M-%Y'),

'SA\_REP',

10000,

.20,

148,

80

);

INSERT INTO employees

VALUES (

170,

'Tayler',

'Fox',

'TFOX',

'011.44.1343.729268',

STR\_TO\_DATE('24-JAN-1998', '%d-%M-%Y'),

'SA\_REP',

9600,

.20,

148,

80

);

INSERT INTO employees

VALUES (

171,

'William',

'Smith',

'WSMITH',

'011.44.1343.629268',

STR\_TO\_DATE('23-FEB-1999', '%d-%M-%Y'),

'SA\_REP',

7400,

.15,

148,

80

);

INSERT INTO employees

VALUES (

172,

'Elizabeth',

'Bates',

'EBATES',

'011.44.1343.529268',

STR\_TO\_DATE('24-MAR-1999', '%d-%M-%Y'),

'SA\_REP',

7300,

.15,

148,

80

);

INSERT INTO employees

VALUES (

173,

'Sundita',

'Kumar',

'SKUMAR',

'011.44.1343.329268',

STR\_TO\_DATE('21-APR-2000', '%d-%M-%Y'),

'SA\_REP',

6100,

.10,

148,

80

);

INSERT INTO employees

VALUES (

174,

'Ellen',

'Abel',

'EABEL',

'011.44.1644.429267',

STR\_TO\_DATE('11-MAY-1996', '%d-%M-%Y'),

'SA\_REP',

11000,

.30,

149,

80

);

INSERT INTO employees

VALUES (

175,

'Alyssa',

'Hutton',

'AHUTTON',

'011.44.1644.429266',

STR\_TO\_DATE('19-MAR-1997', '%d-%M-%Y'),

'SA\_REP',

8800,

.25,

149,

80

);

INSERT INTO employees

VALUES (

176,

'Jonathon',

'Taylor',

'JTAYLOR',

'011.44.1644.429265',

STR\_TO\_DATE('24-MAR-1998', '%d-%M-%Y'),

'SA\_REP',

8600,

.20,

149,

80

);

INSERT INTO employees

VALUES (

177,

'Jack',

'Livingston',

'JLIVINGS',

'011.44.1644.429264',

STR\_TO\_DATE('23-APR-1998', '%d-%M-%Y'),

'SA\_REP',

8400,

.20,

149,

80

);

INSERT INTO employees

VALUES (

178,

'Kimberely',

'Grant',

'KGRANT',

'011.44.1644.429263',

STR\_TO\_DATE('24-MAY-1999', '%d-%M-%Y'),

'SA\_REP',

7000,

.15,

149,

NULL

);

INSERT INTO employees

VALUES (

179,

'Charles',

'Johnson',

'CJOHNSON',

'011.44.1644.429262',

STR\_TO\_DATE('04-JAN-2000', '%d-%M-%Y'),

'SA\_REP',

6200,

.10,

149,

80

);

INSERT INTO employees

VALUES (

180,

'Winston',

'Taylor',

'WTAYLOR',

'650.507.9876',

STR\_TO\_DATE('24-JAN-1998', '%d-%M-%Y'),

'SH\_CLERK',

3200,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

181,

'Jean',

'Fleaur',

'JFLEAUR',

'650.507.9877',

STR\_TO\_DATE('23-FEB-1998', '%d-%M-%Y'),

'SH\_CLERK',

3100,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

182,

'Martha',

'Sullivan',

'MSULLIVA',

'650.507.9878',

STR\_TO\_DATE('21-JUN-1999', '%d-%M-%Y'),

'SH\_CLERK',

2500,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

183,

'Girard',

'Geoni',

'GGEONI',

'650.507.9879',

STR\_TO\_DATE('03-FEB-2000', '%d-%M-%Y'),

'SH\_CLERK',

2800,

NULL,

120,

50

);

INSERT INTO employees

VALUES (

184,

'Nandita',

'Sarchand',

'NSARCHAN',

'650.509.1876',

STR\_TO\_DATE('27-JAN-1996', '%d-%M-%Y'),

'SH\_CLERK',

4200,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

185,

'Alexis',

'Bull',

'ABULL',

'650.509.2876',

STR\_TO\_DATE('20-FEB-1997', '%d-%M-%Y'),

'SH\_CLERK',

4100,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

186,

'Julia',

'Dellinger',

'JDELLING',

'650.509.3876',

STR\_TO\_DATE('24-JUN-1998', '%d-%M-%Y'),

'SH\_CLERK',

3400,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

187,

'Anthony',

'Cabrio',

'ACABRIO',

'650.509.4876',

STR\_TO\_DATE('07-FEB-1999', '%d-%M-%Y'),

'SH\_CLERK',

3000,

NULL,

121,

50

);

INSERT INTO employees

VALUES (

188,

'Kelly',

'Chung',

'KCHUNG',

'650.505.1876',

STR\_TO\_DATE('14-JUN-1997', '%d-%M-%Y'),

'SH\_CLERK',

3800,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

189,

'Jennifer',

'Dilly',

'JDILLY',

'650.505.2876',

STR\_TO\_DATE('13-AUG-1997', '%d-%M-%Y'),

'SH\_CLERK',

3600,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

190,

'Timothy',

'Gates',

'TGATES',

'650.505.3876',

STR\_TO\_DATE('11-JUL-1998', '%d-%M-%Y'),

'SH\_CLERK',

2900,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

191,

'Randall',

'Perkins',

'RPERKINS',

'650.505.4876',

STR\_TO\_DATE('19-DEC-1999', '%d-%M-%Y'),

'SH\_CLERK',

2500,

NULL,

122,

50

);

INSERT INTO employees

VALUES (

192,

'Sarah',

'Bell',

'SBELL',

'650.501.1876',

STR\_TO\_DATE('04-FEB-1996', '%d-%M-%Y'),

'SH\_CLERK',

4000,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

193,

'Britney',

'Everett',

'BEVERETT',

'650.501.2876',

STR\_TO\_DATE('03-MAR-1997', '%d-%M-%Y'),

'SH\_CLERK',

3900,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

194,

'Samuel',

'McCain',

'SMCCAIN',

'650.501.3876',

STR\_TO\_DATE('01-JUL-1998', '%d-%M-%Y'),

'SH\_CLERK',

3200,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

195,

'Vance',

'Jones',

'VJONES',

'650.501.4876',

STR\_TO\_DATE('17-MAR-1999', '%d-%M-%Y'),

'SH\_CLERK',

2800,

NULL,

123,

50

);

INSERT INTO employees

VALUES (

196,

'Alana',

'Walsh',

'AWALSH',

'650.507.9811',

STR\_TO\_DATE('24-APR-1998', '%d-%M-%Y'),

'SH\_CLERK',

3100,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

197,

'Kevin',

'Feeney',

'KFEENEY',

'650.507.9822',

STR\_TO\_DATE('23-MAY-1998', '%d-%M-%Y'),

'SH\_CLERK',

3000,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

198,

'Donald',

'OConnell',

'DOCONNEL',

'650.507.9833',

STR\_TO\_DATE('21-JUN-1999', '%d-%M-%Y'),

'SH\_CLERK',

2600,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

199,

'Douglas',

'Grant',

'DGRANT',

'650.507.9844',

STR\_TO\_DATE('13-JAN-2000', '%d-%M-%Y'),

'SH\_CLERK',

2600,

NULL,

124,

50

);

INSERT INTO employees

VALUES (

200,

'Jennifer',

'Whalen',

'JWHALEN',

'515.123.4444',

STR\_TO\_DATE('17-SEP-1987', '%d-%M-%Y'),

'AD\_ASST',

4400,

NULL,

101,

10

);

INSERT INTO employees

VALUES (

201,

'Michael',

'Hartstein',

'MHARTSTE',

'515.123.5555',

STR\_TO\_DATE('17-FEB-1996', '%d-%M-%Y'),

'MK\_MAN',

13000,

NULL,

100,

20

);

INSERT INTO employees

VALUES (

202,

'Pat',

'Fay',

'PFAY',

'603.123.6666',

STR\_TO\_DATE('17-AUG-1997', '%d-%M-%Y'),

'MK\_REP',

6000,

NULL,

201,

20

);

INSERT INTO employees

VALUES (

203,

'Susan',

'Mavris',

'SMAVRIS',

'515.123.7777',

STR\_TO\_DATE('07-JUN-1994', '%d-%M-%Y'),

'HR\_REP',

6500,

NULL,

101,

40

);

INSERT INTO employees

VALUES (

204,

'Hermann',

'Baer',

'HBAER',

'515.123.8888',

STR\_TO\_DATE('07-JUN-1994', '%d-%M-%Y'),

'PR\_REP',

10000,

NULL,

101,

70

);

INSERT INTO employees

VALUES (

205,

'Shelley',

'Higgins',

'SHIGGINS',

'515.123.8080',

STR\_TO\_DATE('07-JUN-1994', '%d-%M-%Y'),

'AC\_MGR',

12000,

NULL,

101,

110

);

INSERT INTO employees

VALUES (

206,

'William',

'Gietz',

'WGIETZ',

'51hr5.123.8181',

STR\_TO\_DATE('07-JUN-1994', '%d-%M-%Y'),

'AC\_ACCOUNT',

8300,

NULL,

205,

110

);

COMMIT;

INSERT INTO job\_history

VALUES (

102,

STR\_TO\_DATE('13-Jan-1993', '%d-%M-%Y'),

STR\_TO\_DATE('24-Jul-1998', '%d-%M-%Y'),

'IT\_PROG',

60

);

INSERT INTO job\_history

VALUES (

101,

STR\_TO\_DATE('21-Sep-1989', '%d-%M-%Y'),

STR\_TO\_DATE('27-Oct-1993', '%d-%M-%Y'),

'AC\_ACCOUNT',

110

);

INSERT INTO job\_history

VALUES (

101,

STR\_TO\_DATE('28-Oct-1993','%d-%M-%Y'),

STR\_TO\_DATE('15-Mar-1997','%d-%M-%Y'),

'AC\_MGR',

110

);

INSERT INTO job\_history

VALUES (

201,

STR\_TO\_DATE('27-Feb-1996','%d-%M-%Y'),

STR\_TO\_DATE('19-Dec-1999','%d-%M-%Y'),

'MK\_REP',

20

);

INSERT INTO job\_history

VALUES (

114,

STR\_TO\_DATE('24-Mar-1998','%d-%M-%Y'),

STR\_TO\_DATE('31-Dec-1999','%d-%M-%Y'),

'ST\_CLERK',

50

);

INSERT INTO job\_history

VALUES (

122,

STR\_TO\_DATE('01-Jan-1999','%d-%M-%Y'),

STR\_TO\_DATE('31-Dec-1999','%d-%M-%Y'),

'ST\_CLERK',

50

);

INSERT INTO job\_history

VALUES (

200,

STR\_TO\_DATE('17-Sep-1987','%d-%M-%Y'),

STR\_TO\_DATE('17-Jun-1993','%d-%M-%Y'),

'AD\_ASST',

90

);

INSERT INTO job\_history

VALUES (

176,

STR\_TO\_DATE('24-Mar-1998','%d-%M-%Y'),

STR\_TO\_DATE('31-Dec-1998','%d-%M-%Y'),

'SA\_REP',

80

);

INSERT INTO job\_history

VALUES (

176,

STR\_TO\_DATE('01-Jan-1999','%d-%M-%Y'),

STR\_TO\_DATE('31-Dec-1999','%d-%M-%Y'),

'SA\_MAN',

80

);

INSERT INTO job\_history

VALUES (

200,

STR\_TO\_DATE('01-Jul-1994','%d-%M-%Y'),

STR\_TO\_DATE('31-Dec-1998','%d-%M-%Y'),

'AC\_ACCOUNT',

90

);

COMMIT;

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*FOREIGN KEYS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*/

ALTER TABLE countries ADD FOREIGN KEY (region\_id) REFERENCES regions(region\_id);

ALTER TABLE locations ADD FOREIGN KEY (country\_id) REFERENCES countries(country\_id);

ALTER TABLE departments ADD FOREIGN KEY (location\_id) REFERENCES locations(location\_id);

ALTER TABLE employees ADD FOREIGN KEY (job\_id) REFERENCES jobs(job\_id);

ALTER TABLE employees ADD FOREIGN KEY (department\_id) REFERENCES departments(department\_id);

ALTER TABLE employees ADD FOREIGN KEY (manager\_id) REFERENCES employees(employee\_id);

ALTER TABLE departments ADD FOREIGN KEY (manager\_id) REFERENCES employees (employee\_id);

ALTER TABLE job\_history ADD FOREIGN KEY (employee\_id) REFERENCES employees(employee\_id);

ALTER TABLE job\_history ADD FOREIGN KEY (job\_id) REFERENCES jobs(job\_id);

ALTER TABLE job\_history ADD FOREIGN KEY (department\_id) REFERENCES departments(department\_id);

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**SUB\_QUERIER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**