

MySQL

Реляционная СУБД MySQL

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Краткие решения и подсказки

Советы и секреты

???????? ??

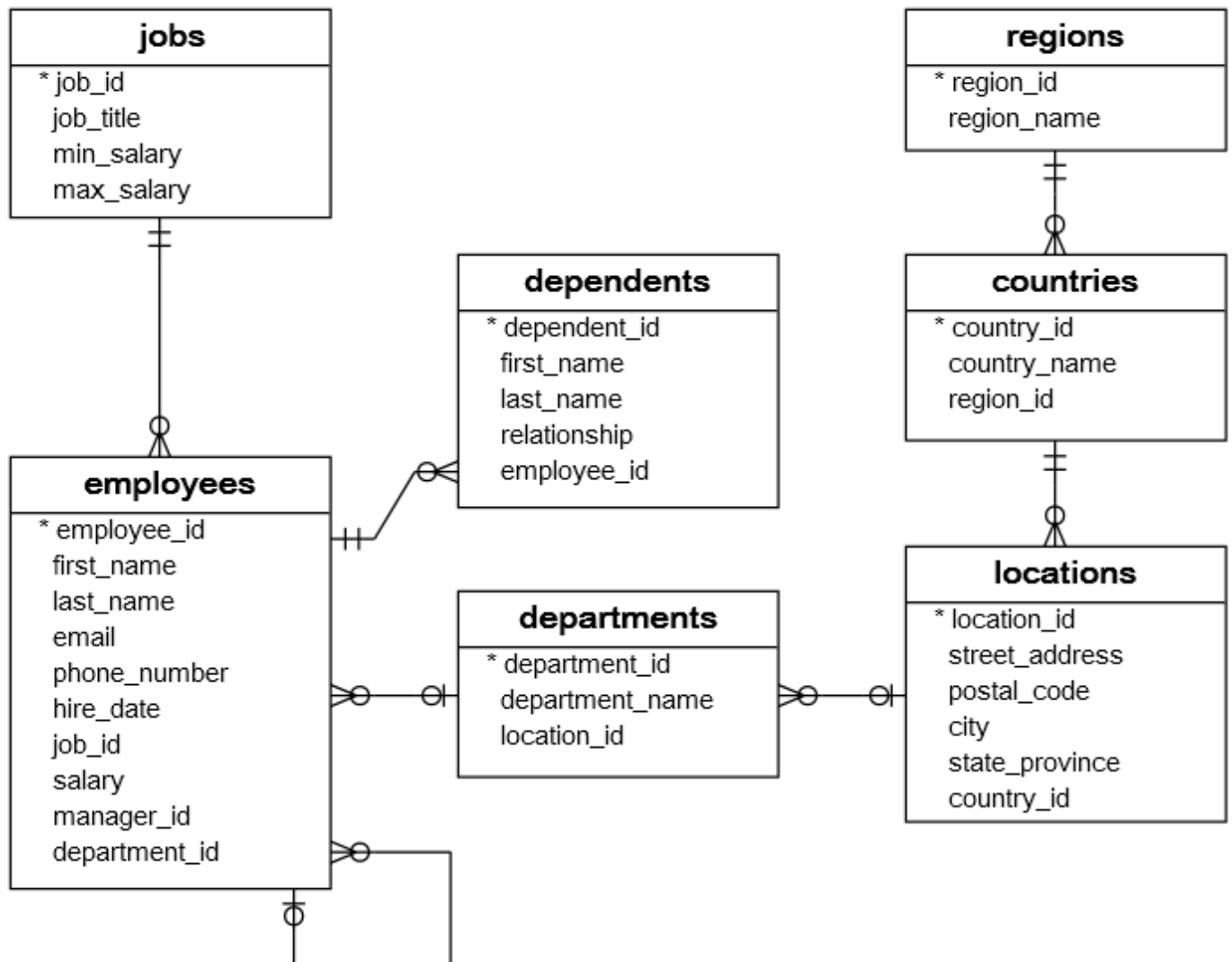
Создание БД mydatabase с кодировкой utf8mb4 - `CREATE DATABASE mydatabase CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;`

Просмотр кодировки БД mydatabase - `SELECT default_character_set_name FROM information_schema.SCHEMATA WHERE schema_name = "mydatabase";`

?????? MySQL-???? ???????

Summary: in this tutorial, you will learn about a SQL Sample Database called HR that manages the HR data of the small businesses.

The following database diagram illustrates the HR sample database:



The HR sample database has seven tables:

1. The `employees` table stores the data of employees.
2. The `jobs` table stores the job data including job title and salary range.
3. The `departments` table stores department data.
4. The `dependents` table stores the employee's dependents.
5. The `locations` table stores the location of the departments of the company.
6. The `countries` table stores the data of countries where the company is doing business.

7. The `regions` table stores the data of regions such as Asia, Europe, America, and the Middle East and Africa. The countries are grouped into regions.

The following picture shows the table names and their records.

Table	Rows
employees	40
dependents	30
departments	11
jobs	11
locations	7
countries	25
regions	4

Typically, you need to install a Relational Database Management System (RDBMS) to work with SQL.

The following SQL script creates the HR sample database in MySQL:

```
CREATE TABLE regions (  
  region_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  region_name VARCHAR (25) DEFAULT NULL  
);  
  
CREATE TABLE countries (  
  country_id CHAR (2) PRIMARY KEY,  
  country_name VARCHAR (40) DEFAULT NULL,  
  region_id INT (11) NOT NULL,  
  FOREIGN KEY (region_id) REFERENCES regions (region_id) ON DELETE CASCADE ON UPDATE CASCADE  
);  
  
CREATE TABLE locations (  
  location_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  street_address VARCHAR (40) DEFAULT NULL,  
  postal_code VARCHAR (12) DEFAULT NULL,  
  city VARCHAR (30) NOT NULL,  
  state_province VARCHAR (25) DEFAULT NULL,  
  country_id CHAR (2) NOT NULL,  
  FOREIGN KEY (country_id) REFERENCES countries (country_id) ON DELETE CASCADE ON UPDATE CASCADE  
);
```

```
CREATE TABLE jobs (  
  job_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  job_title VARCHAR (35) NOT NULL,  
  min_salary DECIMAL (8, 2) DEFAULT NULL,  
  max_salary DECIMAL (8, 2) DEFAULT NULL  
);
```

```
CREATE TABLE departments (  
  department_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  department_name VARCHAR (30) NOT NULL,  
  location_id INT (11) DEFAULT NULL,  
  FOREIGN KEY (location_id) REFERENCES locations (location_id) ON DELETE CASCADE ON UPDATE  
  CASCADE  
);
```

```
CREATE TABLE employees (  
  employee_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  first_name VARCHAR (20) DEFAULT NULL,  
  last_name VARCHAR (25) NOT NULL,  
  email VARCHAR (100) NOT NULL,  
  phone_number VARCHAR (20) DEFAULT NULL,  
  hire_date DATE NOT NULL,  
  job_id INT (11) NOT NULL,  
  salary DECIMAL (8, 2) NOT NULL,  
  manager_id INT (11) DEFAULT NULL,  
  department_id INT (11) DEFAULT NULL,  
  FOREIGN KEY (job_id) REFERENCES jobs (job_id) ON DELETE CASCADE ON UPDATE CASCADE,  
  FOREIGN KEY (department_id) REFERENCES departments (department_id) ON DELETE CASCADE ON UPDATE  
  CASCADE,  
  FOREIGN KEY (manager_id) REFERENCES employees (employee_id)  
);
```

```
CREATE TABLE dependents (  
  dependent_id INT (11) AUTO_INCREMENT PRIMARY KEY,  
  first_name VARCHAR (50) NOT NULL,  
  last_name VARCHAR (50) NOT NULL,  
  relationship VARCHAR (25) NOT NULL,  
  employee_id INT (11) NOT NULL,  
  FOREIGN KEY (employee_id) REFERENCES employees (employee_id) ON DELETE CASCADE ON UPDATE
```

```
CASCADE
```

```
);
```

The following script allows you to insert data into the tables in MySQL:

```
/*Data for the table regions */
```

```
INSERT INTO regions(region_id,region_name) VALUES (1,'Europe');
```

```
INSERT INTO regions(region_id,region_name) VALUES (2,'Americas');
```

```
INSERT INTO regions(region_id,region_name) VALUES (3,'Asia');
```

```
INSERT INTO regions(region_id,region_name) VALUES (4,'Middle East and Africa');
```

```
/*Data for the table countries */
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('AR','Argentina',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('AU','Australia',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('BE','Belgium',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('BR','Brazil',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CA','Canada',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CH','Switzerland',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CN','China',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('DE','Germany',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('DK','Denmark',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('EG','Egypt',4);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('FR','France',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('HK','HongKong',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IL','Israel',4);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IN','India',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IT','Italy',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('JP','Japan',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('KW','Kuwait',4);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('MX','Mexico',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('NG','Nigeria',4);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('NL','Netherlands',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('SG','Singapore',3);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('UK','United Kingdom',1);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('US','United States of America',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('ZM','Zambia',4);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('ZW','Zimbabwe',4);
```

```
/*Data for the table locations */
```

```
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1400,'2014 Jabberwocky Rd','26192','Southlake','Texas','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1500,'2011 Interiors Blvd','99236','South San Francisco','California','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1700,'2004 Charade Rd','98199','Seattle','Washington','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1800,'147 Spadina Ave','M5V 2L7','Toronto','Ontario','CA');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2400,'8204 Arthur St',NULL,'London',NULL,'UK');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2500,'Magdalen Centre, The Oxford Science Park','OX9 9ZB','Oxford','Oxford','UK');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2700,'Schwanthalerstr. 7031','80925','Munich','Bavaria','DE');
```

```
/*Data for the table jobs */
```

```
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (1,'Public
Accountant',4200.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (2,'Accounting
Manager',8200.00,16000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (3,'Administration
Assistant',3000.00,6000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(4,'President',20000.00,40000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (5,'Administration Vice
President',15000.00,30000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(6,'Accountant',4200.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (7,'Finance
Manager',8200.00,16000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (8,'Human Resources
Representative',4000.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(9,'Programmer',4000.00,10000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (10,'Marketing
Manager',9000.00,15000.00);
```



```
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (11,'Marketing Representative',4000.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (12,'Public Relations Representative',4500.00,10500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (13,'Purchasing Clerk',2500.00,5500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (14,'Purchasing Manager',8000.00,15000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (15,'Sales Manager',10000.00,20000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (16,'Sales Representative',6000.00,12000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (17,'Shipping Clerk',2500.00,5500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (18,'Stock Clerk',2000.00,5000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (19,'Stock Manager',5500.00,8500.00);
```

/*Data for the table departments */

```
INSERT INTO departments(department_id,department_name,location_id) VALUES (1,'Administration',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (2,'Marketing',1800);
INSERT INTO departments(department_id,department_name,location_id) VALUES (3,'Purchasing',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (4,'Human Resources',2400);
INSERT INTO departments(department_id,department_name,location_id) VALUES (5,'Shipping',1500);
INSERT INTO departments(department_id,department_name,location_id) VALUES (6,'IT',1400);
INSERT INTO departments(department_id,department_name,location_id) VALUES (7,'Public Relations',2700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (8,'Sales',2500);
INSERT INTO departments(department_id,department_name,location_id) VALUES (9,'Executive',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (10,'Finance',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (11,'Accounting',1700);
```

```
/*Data for the table employees */
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(100,'Steven','King','steven.king@sqltutorial.org','515.123.4567','1987-06-17',4,24000.00,NULL,9);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(101,'Neena','Kochhar','neena.kochhar@sqltutorial.org','515.123.4568','1989-09-21',5,17000.00,100,9);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES (102,'Lex','De Haan','lex.de  
haan@sqltutorial.org','515.123.4569','1993-01-13',5,17000.00,100,9);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(103,'Alexander','Hunold','alexander.hunold@sqltutorial.org','590.423.4567','1990-01-03',9,9000.00,102,6);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(104,'Bruce','Ernst','bruce.ernst@sqltutorial.org','590.423.4568','1991-05-21',9,6000.00,103,6);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(105,'David','Austin','david.austin@sqltutorial.org','590.423.4569','1997-06-25',9,4800.00,103,6);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES  
(106,'Valli','Pataballa','valli.pataballa@sqltutorial.org','590.423.4560','1998-02-05',9,4800.00,103,6);
```

```
INSERT INTO
```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(107,'Diana','Lorentz','diana.lorentz@sqltutorial.org','590.423.5567','1999-02-07',9,4200.00,103,6);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(108,'Nancy','Greenberg','nancy.greenberg@sqltutorial.org','515.124.4569','1994-08-17',7,12000.00,101,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(109,'Daniel','Faviet','daniel.faviet@sqltutorial.org','515.124.4169','1994-08-16',6,9000.00,108,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES (110,'John','Chen','john.chen@sqltutorial.org','515.124.4269','1997-09-28',6,8200.00,108,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(111,'Ismael','Sciarra','ismael.sciarra@sqltutorial.org','515.124.4369','1997-09-30',6,7700.00,108,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES (112,'Jose Manuel','Urman','josemanuel.urman@sqltutorial.org','515.124.4469','1998-03-07',6,7800.00,108,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES (113,'Luis','Popp','luis.popp@sqltutorial.org','515.124.4567','1999-12-07',6,6900.00,108,10);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(114,'Den','Raphaely','den.raphaely@sqltutorial.org','515.127.4561','1994-12-07',14,11000.00,100,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(115,'Alexander','Khoo','alexander.khoo@sqltutorial.org','515.127.4562','1995-05-
```

```

18',13,3100.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(116,'Shelli','Baida','shelli.baida@sqltutorial.org','515.127.4563','1997-12-
24',13,2900.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(117,'Sigal','Tobias','sigal.tobias@sqltutorial.org','515.127.4564','1997-07-
24',13,2800.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(118,'Guy','Himuro','guy.himuro@sqltutorial.org','515.127.4565','1998-11-
15',13,2600.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(119,'Karen','Colmenares','karen.colmenares@sqltutorial.org','515.127.4566','1999-08-
10',13,2500.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(120,'Matthew','Weiss','matthew.weiss@sqltutorial.org','650.123.1234','1996-07-
18',19,8000.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(121,'Adam','Fripp','adam.fripp@sqltutorial.org','650.123.2234','1997-04-
10',19,8200.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(122,'Payam','Kaufling','payam.kaufling@sqltutorial.org','650.123.3234','1995-05-
01',19,7900.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(123,'Shanta','Vollman','shanta.vollman@sqltutorial.org','650.123.4234','1997-10-

```

```

10',19,6500.00,100,5);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(126,'Irene','Mikkilineni','irene.mikkilineni@sqltutorial.org','650.124.1224','1998-09-
28',18,2700.00,120,5);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (145,'John','Russell','john.russell@sqltutorial.org',NULL,'1996-10-
01',15,14000.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (146,'Karen','Partners','karen.partners@sqltutorial.org',NULL,'1997-
01-05',15,13500.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(176,'Jonathon','Taylor','jonathon.taylor@sqltutorial.org',NULL,'1998-03-
24',16,8600.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(177,'Jack','Livingston','jack.livingston@sqltutorial.org',NULL,'1998-04-
23',16,8400.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(178,'Kimberely','Grant','kimberely.grant@sqltutorial.org',NULL,'1999-05-
24',16,7000.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(179,'Charles','Johnson','charles.johnson@sqltutorial.org',NULL,'2000-01-
04',16,6200.00,100,8);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(192,'Sarah','Bell','sarah.bell@sqltutorial.org','650.501.1876','1996-02-
04',17,4000.00,123,5);

INSERT INTO

```

```
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(193,'Britney','Everett','britney.everett@sqltutorial.org','650.501.2876','1997-03-03',17,3900.00,123,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(200,'Jennifer','Whalen','jennifer.whelen@sqltutorial.org','515.123.4444','1987-09-17',3,4400.00,101,1);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(201,'Michael','Hartstein','michael.hartstein@sqltutorial.org','515.123.5555','1996-02-17',10,13000.00,100,2);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES (202,'Pat','Fay','pat.fay@sqltutorial.org','603.123.6666','1997-08-17',11,6000.00,201,2);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(203,'Susan','Mavris','susan.mavris@sqltutorial.org','515.123.7777','1994-06-07',8,6500.00,101,4);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(204,'Hermann','Baer','hermann.baer@sqltutorial.org','515.123.8888','1994-06-07',12,10000.00,101,7);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(205,'Shelley','Higgins','shelley.higgins@sqltutorial.org','515.123.8080','1994-06-07',2,12000.00,101,11);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_id,department_id) VALUES
(206,'William','Gietz','william.gietz@sqltutorial.org','515.123.8181','1994-06-07',1,8300.00,205,11);
```

```
/*Data for the table dependents */
```

```
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(1,'Penelope','Gietz','Child',206);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(2,'Nick','Higgins','Child',205);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(3,'Ed','Whalen','Child',200);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(4,'Jennifer','King','Child',100);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(5,'Johnny','Kochhar','Child',101);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(6,'Bette','De Haan','Child',102);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(7,'Grace','Faviet','Child',109);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(8,'Matthew','Chen','Child',110);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(9,'Joe','Sciarra','Child',111);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(10,'Christian','Urman','Child',112);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(11,'Zero','Popp','Child',113);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(12,'Karl','Greenberg','Child',108);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(13,'Uma','Mavris','Child',203);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(14,'Vivien','Hunold','Child',103);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(15,'Cuba','Ernst','Child',104);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(16,'Fred','Austin','Child',105);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(17,'Helen','Pataballa','Child',106);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(18,'Dan','Lorentz','Child',107);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(19,'Bob','Hartstein','Child',201);
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INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(20,'Lucille','Fay','Child',202);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(21,'Kirsten','Baer','Child',204);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(22,'Elvis','Khoo','Child',115);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(23,'Sandra','Baida','Child',116);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(24,'Cameron','Tobias','Child',117);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(25,'Kevin','Himuro','Child',118);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(26,'Rip','Colmenares','Child',119);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(27,'Julia','Raphaely','Child',114);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(28,'Woody','Russell','Child',145);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(29,'Alec','Partners','Child',146);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(30,'Sandra','Taylor','Child',176);
```