

```
create table regions (  
    region_id int,  
    region_name varchar(25),  
    primary key (region_id)  
);
```

```
create table countries (  
    country_id int,  
    country_name varchar(40),  
    region_id int,  
    primary key (country_id),  
    foreign key (region_id) references  
regions(region_id)  
);
```

```
create table locations (  
    location_id int,  
    street_address varchar(25),  
    postal_code varchar(12),  
    city varchar(30),  
    state_province varchar(12),  
    country_id int,  
    primary key (location_id),  
    foreign key (country_id) references  
countries(country_id)  
);
```

```
create table departments (  

```

```
    department_id int,  
    department_name varchar(25),  
    manager_id int,  
    location_id int,  
    primary key (department_id),  
    foreign key (location_id) references  
locations(location_id)  
);
```

```
create table jobs (  
    job_id varchar(10),  
    job_title varchar(35),  
    min_salary int,  
    max_salary int,  
    primary key (job_id)  
);
```

```
create table job_history (  
    employee_id int,  
    start_date date,  
    end_date date,  
    job_id varchar(10),  
    department_id int,  
    primary key (employee_id, start_date),  
    foreign key (department_id) references  
departments(department_id),  
    foreign key (job_id) references jobs(job_id)  
);
```

```
create table job_grades (  
    grade_level varchar(2),  
    lowest_sal int,  
    highest_sal int  
);
```

```
create table employees (  
    employee_id int,  
    first_name varchar(20),  
    last_name varchar(25),  
    email varchar(25),  
    phone_number varchar(20),  
    hire_date date,  
    job_id varchar(10),  
    salary int,  
    commission_pct int,  
    manager_id int,  
    department_id int,  
    primary key (employee_id),  
    foreign key (department_id) references  
departments(department_id),  
    foreign key (job_id) references jobs(job_id)  
);
```

```
alter table job_history add unique(employee_id);
```

```
alter table employees add foreign key  
(employee_id) references  
job_history(employee_id);
```