Create table DEPARTMENTS (department\_id int,department\_name varchar(50),manager\_id int,location\_id int, PRIMARY KEY(department\_id));

Create table REGIONS (region\_id int,region\_name varchar(255), PRIMARY KEY(region\_id));

Create table COUNTRIES (country\_id int,country\_name varchar(255),region\_id int, PRIMARY KEY(country\_id), FOREIGN KEY (region\_id) REFERENCES REGIONS(region\_id));

create table LOCATIONS (location\_id int,street\_address varchar(255),postal\_code varchar(10),city varchar(255),state\_province varchar(255),country\_id int, PRIMARY KEY (location\_id),FOREIGN KEY(country\_id) REFERENCES COUNTRIES(country\_id));

create table JOB\_HISTORY(employee\_id int,start\_date date,end\_date date,job\_id int,department\_id int,PRIMARY KEY(employee\_id,start\_date));

create table JOBS(job\_id int,job\_title varchar(255),min\_salary float(10),max\_salary float(10), PRIMARY KEY(job\_id));

create table EMPLOYEES(employee\_id int,first\_name varchar(255),last\_name varchar(255),email varchar(255),phone\_number int,hire\_date date,job\_id int,salary float(10),commission\_pct varchar(255),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 DEPARTMENTS ADD FOREIGN KEY(manager\_id) REFERENCES EMPLOYEES(employee\_id);

alter table DEPARTMENTS ADD FOREIGN KEY(location\_id) REFERENCES LOCATIONS(location\_id);

ALTER TABLE EMPLOYEES 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(department\_id) REFERENCES DEPARTMENTS(department\_id);

alter table JOB\_HISTORY ADD FOREIGN KEY(job\_id) REFERENCES JOBS(job\_id);

ALTER TABLE JOBS ADD CHECK (min\_salary<max\_salary+2000);