* CREATE TABLE regions(REGION\_ID INT PRIMARY KEY, REGION\_NAME VARCHAR(25));
* CREATE TABLE countries(COUNTRY\_ID CHAR(2) PRIMARY KEY, COUNTRY\_NAME VARCHAR(40), REGION\_ID INT);
* CREATE TABLE locations(LOCATION\_ID INT PRIMARY KEY, STREER\_ADDRESS VARCHAR(25), POSTAL\_CODE VARCHAR(12), CITY VARCHAR(30), STATE\_PROVINCE VARCHAR(12), COUNTRY\_ID CHAR(2));
* CREATE TABLE departments(DEPARTMENTS\_ID INT PRIMARY KEY, DEPARTMENT\_NAME VARCHAR(30), MANAGER\_ID INT, LOCATION\_ID INT);
* CREATE TABLE employees(EMPLOYEE\_ID INT PRIMARY KEY, 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);
* 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) );
* CREATE TABLE jobs (JOB\_ID VARCHAR(10) PRIMARY KEY, JOB\_TITLE VARCHAR(2), MIN\_SALARY INT, MAX\_SALARY INT);
* CREATE TABLE job\_grades(GRADE\_LEVEL VARCHAR(2) PRIMARY KEY,LOWEST\_SAL INT, HIGHEST\_SAL INT);

1. ALTER TABLE countries RENAME TO country\_new;
2. ALTER TABLE locations

ADD COLUMN REGION\_ID INT;

1. DROP TABLE locations;

CREATE TABLE locations(ID INT,LOCATION\_ID INT PRIMARY KEY, STREER\_ADDRESS VARCHAR(25), POSTAL\_CODE VARCHAR(12), CITY VARCHAR(30), STATE\_PROVINCE VARCHAR(12), COUNTRY\_ID CHAR(2));

1. DROP TABLE locations;

CREATE TABLE locations(ID INT,LOCATION\_ID INT PRIMARY KEY, STREER\_ADDRESS VARCHAR(25), POSTAL\_CODE VARCHAR(12), CITY VARCHAR(30), STATE\_PROVINCE VARCHAR(12), REGION\_ID INT, COUNTRY\_ID CHAR(2));

1. ALTER TABLE locations

ALTER COLUMN COUNTRY\_ID TYPE INT

1. ALTER TABLE locations

DROP COLUMN CITY;

1. ALTER TABLE locations

RENAME COLUMN STATE\_PROVINCE TO STATE;

1. DROP CONSTRAINT locations\_pkey;

ALTER TABLE locations

ADD PRIMARY KEY (LOCATION\_ID);

1. ALTER TABLE locations

DROP CONSTRAINT locations\_pkey;

ALTER TABLE locations

ADD PRIMARY KEY (LOCATION\_ID,COUNTRY\_ID);

1. ALTER TABLE locations

DROP CONSTRAINT locations\_pkey;

1. ALTER TABLE job\_history ADD CONSTRAINT fk\_job\_id FOREIGN KEY (JOB\_ID) REFERENCES JOBS(JOB\_ID);
2. ALTER TABLE job\_history DROP CONSTRAINT fk\_job\_id;

ALTER TABLE job\_history ADD CONSTRAINT fk\_job\_id FOREIGN KEY (JOB\_ID) REFERENCES JOBS(JOB\_ID);

1. ALTER TABLE job\_history DROP CONSTRAINT fk\_job\_id;
2. CREATE INDEX indx\_job\_id ON job\_history (JOB\_ID);
3. DROP INDEX indx\_job\_id;