/\*

1) Create seven tables such as employees, departments, regions, Jobs, countries, job history, Locations

2) Execute each table see them separately and check they are running

3) Create a Relationship between the tables.

\*/

--Select \* from employees  
--Select \* from departments

--Select \* from regions

--Select \* from Jobs

--Select \* from countries

--Select \* from Job\_history

--Select \* from Locations

CREATE TABLE employees

( employee\_id int Primary key

, first\_name VARCHAR(20)

, last\_name VARCHAR(25) NOT NULL

, email VARCHAR(25) NOT NULL

, phone\_number VARCHAR(20)

, hire\_date DATE

, job\_id VARCHAR(10)

, salary money

, commission\_pct int NULL

, manager\_id int

, department\_id int

) ;

------insert data into the EMPLOYEES table

INSERT INTO employees VALUES ( 100, 'Steven', 'King', 'SKING', '515.123.4567', '17-JUN-1987', 'AD\_PRES', 24000, NULL, NULL, 90);

INSERT INTO employees VALUES ( 101, 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', '21-SEP-1989', 'AD\_VP', 17000, NULL, 100, 90);

INSERT INTO employees VALUES ( 102, 'Lex', 'De Haan', 'LDEHAAN', '515.123.4569', '13-JAN-1993', 'AD\_VP', 17000, NULL, 100, 90);

INSERT INTO employees VALUES ( 103, 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', '03-JAN-1990', 'IT\_PROG', 9000, NULL, 102, 60);

INSERT INTO employees VALUES ( 104, 'Bruce', 'Ernst', 'BERNST', '590.423.4568','21-MAY-1991', 'IT\_PROG', 6000, NULL, 103, 60);

INSERT INTO employees VALUES ( 105, 'David', 'Austin', 'DAUSTIN', '590.423.4569', '25-JUN-1997', 'IT\_PROG', 4800, NULL, 103, 60);

INSERT INTO employees VALUES ( 106, 'Valli', 'Pataballa', 'VPATABAL', '590.423.4560','05-FEB-1998', 'IT\_PROG', 4800, NULL, 103, 60);

INSERT INTO employees VALUES ( 107, 'Diana', 'Lorentz', 'DLORENTZ', '590.423.5567', '07-FEB-1999', 'IT\_PROG', 4200, NULL, 103, 60);

INSERT INTO employees VALUES ( 108, 'Nancy', 'Greenberg', 'NGREENBE', '515.124.4569', '17-AUG-1994', 'FI\_MGR', 12000, NULL, 101, 100);

INSERT INTO employees VALUES ( 109, 'Daniel', 'Faviet', 'DFAVIET', '515.124.4169', '16-AUG-1994', 'FI\_ACCOUNT', 9000, NULL, 108, 100);

INSERT INTO employees VALUES ( 110, 'John', 'Chen', 'JCHEN', '515.124.4269', '28-SEP-1997', 'FI\_ACCOUNT', 8200, NULL, 108, 100);

INSERT INTO employees VALUES ( 111, 'Ismael', 'Sciarra', 'ISCIARRA', '515.124.4369', '30-SEP-1997', 'FI\_ACCOUNT', 7700, NULL, 108, 100);

INSERT INTO employees VALUES ( 112, 'Jose Manuel', 'Urman', 'JMURMAN', '515.124.4469', '07-MAR-1998', 'FI\_ACCOUNT', 7800, NULL, 108, 100);

INSERT INTO employees VALUES ( 113, 'Luis', 'Popp', 'LPOPP', '515.124.4567', '07-DEC-1999', 'FI\_ACCOUNT', 6900, NULL, 108, 100);

INSERT INTO employees VALUES ( 114, 'Den', 'Raphaely', 'DRAPHEAL', '515.127.4561', '07-DEC-1994', 'PU\_MAN', 11000, NULL, 100, 30);

INSERT INTO employees VALUES ( 115, 'Alexander', 'Khoo', 'AKHOO', '515.127.4562', '18-MAY-1995', 'PU\_CLERK', 3100, NULL, 114, 30);

INSERT INTO employees VALUES ( 116, 'Shelli', 'Baida', 'SBAIDA', '515.127.4563', '24-DEC-1997', 'PU\_CLERK', 2900, NULL, 114, 30);

INSERT INTO employees VALUES ( 117, 'Sigal', 'Tobias', 'STOBIAS', '515.127.4564', '24-JUL-1997', 'PU\_CLERK', 2800, NULL, 114, 30);

INSERT INTO employees VALUES ( 118, 'Guy', 'Himuro', 'GHIMURO', '515.127.4565', '15-NOV-1998', 'PU\_CLERK', 2600, NULL, 114, 30);

INSERT INTO employees VALUES ( 119, 'Karen', 'Colmenares', 'KCOLMENA', '515.127.4566', '10-AUG-1999', 'PU\_CLERK', 2500, NULL, 114, 30);

INSERT INTO employees VALUES ( 120, 'Matthew', 'Weiss', 'MWEISS', '650.123.1234', '18-JUL-1996', 'ST\_MAN', 8000, NULL, 100, 50);

INSERT INTO employees VALUES ( 121, 'Adam', 'Fripp', 'AFRIPP', '650.123.2234', '10-APR-1997', 'ST\_MAN', 8200 , NULL, 100, 50);

INSERT INTO employees VALUES ( 122, 'Payam', 'Kaufling', 'PKAUFLIN', '650.123.3234', '01-MAY-1995', 'ST\_MAN', 7900, NULL, 100, 50);

INSERT INTO employees VALUES ( 123, 'Shanta', 'Vollman', 'SVOLLMAN', '650.123.4234' , '10-OCT-1997', 'ST\_MAN', 6500, NULL, 100, 50);

INSERT INTO employees VALUES ( 124, 'Kevin', 'Mourgos', 'KMOURGOS', '650.123.5234', '16-NOV-1999', 'ST\_MAN', 5800, NULL, 100, 50);

INSERT INTO employees VALUES ( 125, 'Julia', 'Nayer', 'JNAYER', '650.124.1214', '16-JUL-1997', 'ST\_CLERK', 3200, NULL, 120, 50);

INSERT INTO employees VALUES ( 126, 'Irene', 'Mikkilineni', 'IMIKKILI', '650.124.1224', '28-SEP-1998', 'ST\_CLERK', 2700, NULL, 120, 50);

INSERT INTO employees VALUES ( 127, 'James', 'Landry', 'JLANDRY', '650.124.1334', '14-JAN-1999', 'ST\_CLERK', 2400, NULL, 120, 50);

INSERT INTO employees VALUES ( 128, 'Steven', 'Markle', 'SMARKLE', '650.124.1434', '08-MAR-2000', 'ST\_CLERK', 2200, NULL, 120, 50);

INSERT INTO employees VALUES ( 129, 'Laura', 'Bissot', 'LBISSOT', '650.124.5234', '20-AUG-1997', 'ST\_CLERK', 3300, NULL, 121, 50);

INSERT INTO employees VALUES ( 130, 'Mozhe', 'Atkinson', 'MATKINSO', '650.124.6234', '30-OCT-1997', 'ST\_CLERK', 2800, NULL, 121, 50);

INSERT INTO employees VALUES ( 131, 'James', 'Marlow', 'JAMRLOW', '650.124.7234', '16-FEB-1997','ST\_CLERK', 2500, NULL, 121, 50);

INSERT INTO employees VALUES ( 132, 'TJ', 'Olson', 'TJOLSON', '650.124.8234', '10-APR-1999','ST\_CLERK', 2100, NULL, 121, 50);

INSERT INTO employees VALUES ( 133, 'Jason', 'Mallin', 'JMALLIN', '650.127.1934', '14-JUN-1996', 'ST\_CLERK', 3300, NULL, 122, 50);

INSERT INTO employees VALUES ( 134, 'Michael', 'Rogers', 'MROGERS', '650.127.1834', '26-AUG-1998', 'ST\_CLERK', 2900, NULL, 122, 50);

INSERT INTO employees VALUES ( 135, 'Ki', 'Gee', 'KGEE', '650.127.1734', '12-DEC-1999', 'ST\_CLERK', 2400, NULL, 122, 50);

INSERT INTO employees VALUES ( 136, 'Hazel', 'Philtanker', 'HPHILTAN', '650.127.1634', '06-FEB-2000', 'ST\_CLERK', 2200, NULL, 122, 50);

INSERT INTO employees VALUES ( 137, 'Renske', 'Ladwig', 'RLADWIG', '650.121.1234', '14-JUL-1995', 'ST\_CLERK', 3600, NULL, 123, 50);

INSERT INTO employees VALUES ( 138, 'Stephen', 'Stiles', 'SSTILES', '650.121.2034', '26-OCT-1997', 'ST\_CLERK' , 3200, NULL, 123, 50);

INSERT INTO employees VALUES ( 139, 'John', 'Seo', 'JSEO', '650.121.2019', '12-FEB-1998', 'ST\_CLERK', 2700, NULL, 123, 50);

INSERT INTO employees VALUES ( 140, 'Joshua', 'Patel', 'JPATEL', '650.121.1834', '06-APR-1998', 'ST\_CLERK', 2500, NULL, 123, 50);

INSERT INTO employees VALUES ( 141, 'Trenna', 'Rajs' , 'TRAJS' , '650.121.8009', '17-OCT-1995', 'ST\_CLERK', 3500, NULL, 124, 50);

INSERT INTO employees VALUES ( 142, 'Curtis', 'Davies', 'CDAVIES', '650.121.2994', '29-JAN-1997', 'ST\_CLERK', 3100, NULL, 124, 50);

INSERT INTO employees VALUES ( 143, 'Randall', 'Matos', 'RMATOS', '650.121.2874','15-MAR-1998', 'ST\_CLERK', 2600, NULL, 124, 50);

INSERT INTO employees VALUES ( 144, 'Peter', 'Vargas', 'PVARGAS', '650.121.2004', '09-JUL-1998', 'ST\_CLERK', 2500, NULL, 124, 50);

INSERT INTO employees VALUES ( 145, 'John', 'Russell', 'JRUSSEL', '011.44.1344.429268', '01-OCT-1996', 'SA\_MAN', 14000, .4, 100, 80);

INSERT INTO employees VALUES ( 146, 'Karen', 'Partners', 'KPARTNER' , '011.44.1344.467268', '05-JAN-1997', 'SA\_MAN', 13500, .3, 100, 80);

INSERT INTO employees VALUES ( 147, 'Alberto', 'Errazuriz', 'AERRAZUR', '011.44.1344.429278', '10-MAR-1997', 'SA\_MAN', 12000, .3, 100, 80);

INSERT INTO employees VALUES ( 148, 'Gerald', 'Cambrault', 'GCAMBRAU', '011.44.1344.619268', '15-OCT-1999', 'SA\_MAN', 11000, .3, 100, 80);

INSERT INTO employees VALUES ( 149, 'Eleni', 'Zlotkey', 'EZLOTKEY', '011.44.1344.429018', '29-JAN-2000', 'SA\_MAN', 10500, .2, 100, 80);

INSERT INTO employees VALUES ( 150, 'Peter', 'Tucker', 'PTUCKER', '011.44.1344.129268', '30-JAN-1997', 'SA\_REP', 10000, .3, 145, 80);

INSERT INTO employees VALUES ( 151, 'David', 'Bernstein', 'DBERNSTE', '011.44.1344.345268', '24-MAR-1997', 'SA\_REP', 9500, .25, 145, 80);

INSERT INTO employees VALUES ( 152, 'Peter', 'Hall', 'PHALL', '011.44.1344.478968', '20-AUG-1997', 'SA\_REP', 9000, .25, 145, 80);

INSERT INTO employees VALUES ( 153, 'Christopher', 'Olsen', 'COLSEN', '011.44.1344.498718', '30-MAR-1998', 'SA\_REP', 8000, .2, 145, 80);

INSERT INTO employees VALUES ( 154, 'Nanette', 'Cambrault', 'NCAMBRAU', '011.44.1344.987668', '09-DEC-1998', 'SA\_REP', 7500, .2, 145, 80);

INSERT INTO employees VALUES ( 155, 'Oliver', 'Tuvault', 'OTUVAULT', '011.44.1344.486508', '23-NOV-1999', 'SA\_REP', 7000, .15, 145, 80);

INSERT INTO employees VALUES ( 156, 'Janette', 'King', 'JKING', '011.44.1345.429268', '30-JAN-1996', 'SA\_REP', 10000, .35, 146, 80);

INSERT INTO employees VALUES ( 157, 'Patrick', 'Sully', 'PSULLY', '011.44.1345.929268', '04-MAR-1996', 'SA\_REP', 9500, .35, 146, 80);

INSERT INTO employees VALUES ( 158, 'Allan', 'McEwen', 'AMCEWEN', '011.44.1345.829268', '01-AUG-1996', 'SA\_REP', 9000, .35, 146, 80);

INSERT INTO employees VALUES ( 159, 'Lindsey', 'Smith', 'LSMITH', '011.44.1345.729268', '10-MAR-1997', 'SA\_REP', 8000, .3, 146, 80);

INSERT INTO employees VALUES ( 160, 'Louise', 'Doran', 'LDORAN', '011.44.1345.629268', '15-DEC-1997', 'SA\_REP', 7500, .3, 146, 80);

INSERT INTO employees VALUES ( 161, 'Sarath', 'Sewall', 'SSEWALL', '011.44.1345.529268', '03-NOV-1998', 'SA\_REP', 7000, .25, 146, 80);

INSERT INTO employees VALUES ( 162, 'Clara', 'Vishney', 'CVISHNEY', '011.44.1346.129268', '11-NOV-1997', 'SA\_REP', 10500, .25, 147, 80);

INSERT INTO employees VALUES ( 163, 'Danielle', 'Greene', 'DGREENE', '011.44.1346.229268', '19-MAR-1999', 'SA\_REP', 9500, .15, 147, 80);

INSERT INTO employees VALUES ( 164, 'Mattea', 'Marvins', 'MMARVINS', '011.44.1346.329268','24-JAN-2000', 'SA\_REP', 7200, .10, 147, 80);

INSERT INTO employees VALUES ( 165, 'David', 'Lee', 'DLEE', '011.44.1346.529268', '23-FEB-2000', 'SA\_REP', 6800, .1, 147, 80);

INSERT INTO employees VALUES ( 166, 'Sundar', 'Ande', 'SANDE', '011.44.1346.629268', '24-MAR-2000', 'SA\_REP', 6400, .10, 147, 80);

INSERT INTO employees VALUES ( 167, 'Amit', 'Banda', 'ABANDA', '011.44.1346.729268', '21-APR-2000', 'SA\_REP', 6200, .10, 147, 80);

INSERT INTO employees VALUES ( 168, 'Lisa', 'Ozer', 'LOZER', '011.44.1343.929268', '11-MAR-1997', 'SA\_REP', 11500, .25, 148, 80);

INSERT INTO employees VALUES ( 169 , 'Harrison', 'Bloom', 'HBLOOM', '011.44.1343.829268', '23-MAR-1998', 'SA\_REP', 10000, .20, 148, 80);

INSERT INTO employees VALUES ( 170, 'Tayler', 'Fox', 'TFOX', '011.44.1343.729268', '24-JAN-1998', 'SA\_REP', 9600, .20, 148, 80);

INSERT INTO employees VALUES ( 171, 'William', 'Smith', 'WSMITH', '011.44.1343.629268', '23-FEB-1999', 'SA\_REP', 7400, .15, 148, 80);

INSERT INTO employees VALUES ( 172, 'Elizabeth', 'Bates', 'EBATES', '011.44.1343.529268', '24-MAR-1999', 'SA\_REP', 7300, .15, 148, 80);

INSERT INTO employees VALUES ( 173, 'Sundita', 'Kumar', 'SKUMAR', '011.44.1343.329268', '21-APR-2000', 'SA\_REP', 6100, .10, 148, 80);

INSERT INTO employees VALUES ( 174, 'Ellen', 'Abel', 'EABEL', '011.44.1644.429267', '11-MAY-1996', 'SA\_REP', 11000, .30, 149, 80);

INSERT INTO employees VALUES ( 175, 'Alyssa', 'Hutton', 'AHUTTON', '011.44.1644.429266', '19-MAR-1997', 'SA\_REP', 8800, .25, 149, 80);

INSERT INTO employees VALUES ( 176, 'Jonathon', 'Taylor', 'JTAYLOR', '011.44.1644.429265', '24-MAR-1998', 'SA\_REP', 8600, .20, 149, 80);

INSERT INTO employees VALUES ( 177, 'Jack', 'Livingston', 'JLIVINGS', '011.44.1644.429264', '23-APR-1998', 'SA\_REP', 8400, .20, 149, 80);

INSERT INTO employees VALUES ( 178, 'Kimberely', 'Grant', 'KGRANT', '011.44.1644.429263', '24-MAY-1999', 'SA\_REP', 7000, .15, 149, NULL);

INSERT INTO employees VALUES ( 179, 'Charles', 'Johnson', 'CJOHNSON', '011.44.1644.429262', '04-JAN-2000', 'SA\_REP', 6200, .10, 149, 80);

INSERT INTO employees VALUES ( 180, 'Winston', 'Taylor', 'WTAYLOR', '650.507.9876', '24-JAN-1998', 'SH\_CLERK', 3200, NULL, 120, 50);

INSERT INTO employees VALUES ( 181, 'Jean', 'Fleaur', 'JFLEAUR', '650.507.9877', '23-FEB-1998', 'SH\_CLERK', 3100, NULL, 120, 50);

INSERT INTO employees VALUES ( 182, 'Martha', 'Sullivan', 'MSULLIVA', '650.507.9878', '21-JUN-1999', 'SH\_CLERK', 2500, NULL, 120, 50);

INSERT INTO employees VALUES ( 183, 'Girard', 'Geoni', 'GGEONI', '650.507.9879', '03-FEB-2000', 'SH\_CLERK', 2800, NULL, 120, 50);

INSERT INTO employees VALUES ( 184, 'Nandita', 'Sarchand', 'NSARCHAN', '650.509.1876', '27-JAN-1996', 'SH\_CLERK', 4200, NULL, 121, 50);

INSERT INTO employees VALUES ( 185, 'Alexis', 'Bull', 'ABULL', '650.509.2876', '20-FEB-1997', 'SH\_CLERK', 4100, NULL, 121, 50);

INSERT INTO employees VALUES ( 186, 'Julia', 'Dellinger', 'JDELLING', '650.509.3876', '24-JUN-1998', 'SH\_CLERK', 3400, NULL, 121, 50);

INSERT INTO employees VALUES ( 187, 'Anthony', 'Cabrio', 'ACABRIO', '650.509.4876', '07-FEB-1999', 'SH\_CLERK', 3000, NULL, 121, 50);

INSERT INTO employees VALUES ( 188, 'Kelly', 'Chung', 'KCHUNG', '650.505.1876', '14-JUN-1997', 'SH\_CLERK', 3800, NULL, 122, 50);

INSERT INTO employees VALUES ( 189, 'Jennifer', 'Dilly', 'JDILLY', '650.505.2876', '13-AUG-1997', 'SH\_CLERK', 3600, NULL, 122, 50);

INSERT INTO employees VALUES ( 190, 'Timothy', 'Gates', 'TGATES', '650.505.3876', '11-JUL-1998', 'SH\_CLERK', 2900, NULL, 122, 50);

INSERT INTO employees VALUES ( 191, 'Randall', 'Perkins', 'RPERKINS', '650.505.4876', '19-DEC-1999', 'SH\_CLERK', 2500, NULL, 122, 50);

INSERT INTO employees VALUES ( 192, 'Sarah', 'Bell', 'SBELL', '650.501.1876', '04-FEB-1996', 'SH\_CLERK', 4000, NULL, 123, 50);

INSERT INTO employees VALUES ( 193, 'Britney', 'Everett', 'BEVERETT', '650.501.2876', '03-MAR-1997', 'SH\_CLERK', 3900, NULL, 123, 50);

INSERT INTO employees VALUES ( 194, 'Samuel', 'McCain', 'SMCCAIN', '650.501.3876', '01-JUL-1998', 'SH\_CLERK', 3200, NULL, 123, 50);

INSERT INTO employees VALUES ( 195, 'Vance', 'Jones', 'VJONES', '650.501.4876', '17-MAR-1999', 'SH\_CLERK', 2800, NULL, 123, 50);

INSERT INTO employees VALUES ( 196, 'Alana', 'Walsh', 'AWALSH', '650.507.9811', '24-APR-1998', 'SH\_CLERK', 3100, NULL, 124, 50);

INSERT INTO employees VALUES ( 197, 'Kevin', 'Feeney', 'KFEENEY', '650.507.9822', '23-MAY-1998', 'SH\_CLERK', 3000, NULL, 124, 50);

INSERT INTO employees VALUES ( 198, 'Donald', 'OConnell', 'DOCONNEL', '650.507.9833', '21-JUN-1999', 'SH\_CLERK', 2600, NULL, 124, 50);

INSERT INTO employees VALUES ( 199, 'Douglas', 'Grant', 'DGRANT', '650.507.9844', '13-JAN-2000', 'SH\_CLERK', 2600, NULL, 124, 50);

INSERT INTO employees VALUES ( 200, 'Jennifer', 'Whalen', 'JWHALEN', '515.123.4444', '17-SEP-1987', 'AD\_ASST', 4400, NULL, 101, 10);

INSERT INTO employees VALUES ( 201, 'Michael', 'Hartstein', 'MHARTSTE', '515.123.5555', '17-FEB-1996', 'MK\_MAN', 13000, NULL, 100, 20);

INSERT INTO employees VALUES ( 202, 'Pat', 'Fay', 'PFAY', '603.123.6666', '17-AUG-1997', 'MK\_REP', 6000, NULL, 201, 20);

INSERT INTO employees VALUES ( 203, 'Susan', 'Mavris', 'SMAVRIS', '515.123.7777', '07-JUN-1994', 'HR\_REP', 6500, NULL, 101, 40);

INSERT INTO employees VALUES ( 204, 'Hermann', 'Baer', 'HBAER', '515.123.8888', '07-JUN-1994', 'PR\_REP', 10000, NULL, 101, 70);

INSERT INTO employees VALUES ( 205, 'Shelley', 'Higgins', 'SHIGGINS', '515.123.8080', '07-JUN-1994', 'AC\_MGR', 12000, NULL, 101, 110);

INSERT INTO employees VALUES ( 206, 'William', 'Gietz', 'WGIETZ', '515.123.8181', '07-JUN-1994', 'AC\_ACCOUNT', 8300, NULL, 205, 110);

CREATE TABLE departments

( department\_id int Primary key

,department\_name VARCHAR(30) NOT NULL

,manager\_id int

,location\_id int

)

------insert data into the DEPARTMENTS table

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);

----------------------------------------------------------------

CREATE TABLE regions

( region\_id int Primary key

CONSTRAINT region\_id\_nn NOT NULL

, region\_name VARCHAR(25)

);

----------------insert data into the REGIONS table

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');

-------------------------------------------

CREATE TABLE job\_history

( employee\_id int

, start\_date DATE

, end\_date DATE

, job\_id VARCHAR(10)

, department\_id int

) ;

--------insert data into the JOB\_HISTORY table

INSERT INTO job\_history VALUES (102, '13-JAN-1993', '24-JUL-1998', 'IT\_PROG', 60);

INSERT INTO job\_history VALUES (101, '21-SEP-1989', '27-OCT-1993', 'AC\_ACCOUNT', 110);

INSERT INTO job\_history VALUES (101, '28-OCT-1993', '15-MAR-1997', 'AC\_MGR', 110);

INSERT INTO job\_history VALUES (201, '17-FEB-1996','19-DEC-1999', 'MK\_REP', 20);

INSERT INTO job\_history VALUES (114, '24-MAR-1998', '31-DEC-1999', 'ST\_CLERK', 50);

INSERT INTO job\_history VALUES (122, '01-JAN-1999', '31-DEC-1999', 'ST\_CLERK', 50);

INSERT INTO job\_history VALUES (200, '17-SEP-1987', '17-JUN-1993', 'AD\_ASST', 90);

INSERT INTO job\_history VALUES (176,'24-MAR-1998', '31-DEC-1998', 'SA\_REP', 80);

INSERT INTO job\_history VALUES (176, '01-JAN-1999', '31-DEC-1999', 'SA\_MAN', 80);

INSERT INTO job\_history VALUES (200, '01-JUL-1994', '31-DEC-1998', 'AC\_ACCOUNT', 90);

---------------------------------------------------------------

CREATE TABLE jobs

( job\_id varchar(10) Primary key

, job\_title VARCHAR(35) NOT NULL

, min\_salary money

, max\_salary money

) ;

---------------------------insert data into the JOBS table

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);

---------------------------------------------------------------

CREATE TABLE locations

( location\_id int primary key

, street\_address VARCHAR(40)

, postal\_code VARCHAR(12)

, city VARCHAR(30) NOT NULL

, state\_province VARCHAR(25)

, country\_id CHAR(2)

) ;

----insert data into the LOCATIONS table

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');

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CREATE TABLE countries

( country\_id CHAR(2) Primary key

, country\_name VARCHAR(40)

, region\_id int

)

----- insert data into the COUNTRIES table

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 );

------------------------------------alter the table to add foreign key

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alter table employees

add foreign key ( job\_id)references Jobs (job\_id)

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alter table departments add foreign key(Location\_id) references locations (location\_id)

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alter table countries add foreign key (region\_id) references regions (region\_id)

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alter table locations add foreign key (country\_id) references countries (country\_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)