CREATE TABLE EMPLOYEES (

EMP\_ID CHAR(9) NOT NULL,

F\_NAME VARCHAR(15) NOT NULL,

L\_NAME VARCHAR(15) NOT NULL,

SSN CHAR(9),

B\_DATE DATE,

SEX CHAR,

ADDRESS VARCHAR(30),

JOB\_ID CHAR(9),

SALARY DECIMAL(10,2),

MANAGER\_ID CHAR(9),

DEP\_ID CHAR(9) NOT NULL,

PRIMARY KEY (EMP\_ID));

CREATE TABLE JOB\_HISTORY (

EMPL\_ID CHAR(9) NOT NULL,

START\_DATE DATE,

JOBS\_ID CHAR(9) NOT NULL,

DEPT\_ID CHAR(9),

PRIMARY KEY (EMPL\_ID,JOBS\_ID));

CREATE TABLE JOBS (

JOB\_IDENT CHAR(9) NOT NULL,

JOB\_TITLE VARCHAR(15) ,

MIN\_SALARY DECIMAL(10,2),

MAX\_SALARY DECIMAL(10,2),

PRIMARY KEY (JOB\_IDENT));

CREATE TABLE DEPARTMENTS (

DEPT\_ID\_DEP CHAR(9) NOT NULL,

DEP\_NAME VARCHAR(15) ,

MANAGER\_ID CHAR(9),

LOC\_ID CHAR(9),

PRIMARY KEY (DEPT\_ID\_DEP));

CREATE TABLE LOCATIONS (

LOCT\_ID CHAR(9) NOT NULL,

DEP\_ID\_LOC CHAR(9) NOT NULL,

PRIMARY KEY (LOCT\_ID,DEP\_ID\_LOC));

select \* from employees;

select \* from departments;

SELECT \* FROM JOB\_HISTORY;

select A.F\_NAME, A.L\_NAME, D.START\_DATE, D.DEPT\_ID FROM EMPLOYEES A INNER JOIN JOB\_HISTORY D ON A.EMP\_ID = D.EMPL\_ID where dept\_ID = 5;

select E.F\_NAME,E.L\_NAME, JH.START\_DATE, J.JOB\_TITLE

from EMPLOYEES as E

INNER JOIN JOB\_HISTORY as JH on E.EMP\_ID=JH.EMPL\_ID

INNER JOIN JOBS as J on E.JOB\_ID=J.JOB\_IDENT

where E.DEP\_ID ='5';

SELECT E.EMP\_ID, E.L\_NAME, E.DEP\_ID, D.DEP\_NAME

FROM EMPLOYEES AS E

LEFT JOIN DEPARTMENTS AS D ON E.DEP\_ID = D.DEPT\_ID\_DEP;

SELECT E.EMP\_ID, E.L\_NAME, E.DEP\_ID, D.DEP\_NAME

FROM EMPLOYEES AS E

LEFT JOIN DEPARTMENTS AS D ON E.DEP\_ID = D.DEPT\_ID\_DEP

WHERE YEAR (E.B\_DATE) < 1980;

select E.EMP\_ID,E.L\_NAME,E.DEP\_ID,D.DEP\_NAME

from EMPLOYEES AS E

LEFT OUTER JOIN DEPARTMENTS AS D ON E.DEP\_ID=D.DEPT\_ID\_DEP

AND YEAR (E.B\_DATE) < 1980;

SELECT E.F\_NAME, E.L\_NAME, D.DEP\_NAME

FROM EMPLOYEES AS E

FULL JOIN DEPARTMENTS AS D ON E.DEP\_ID = D.DEPT\_ID\_DEP;

SELECT E.F\_NAME, E.L\_NAME, D.DEP\_NAME, D.DEPT\_ID\_DEP

FROM EMPLOYEES AS E LEFT OUTER JOIN DEPARTMENTS AS D ON E.DEP\_ID = D.DEPT\_ID\_DEP AND E.SEX = 'M';