CREATE TABLE employee (

ssn INT NOT NULL

CONSTRAINT emp\_ssn\_pk PRIMARY KEY,

first\_name VARCHAR2(25) NOT NULL,

last\_name VARCHAR2(25) NOT NULL,

age INT NOT NULL,

salary NUMBER(2,6) NOT NULL

);

CREATE TABLE departments(

did INT NOT NULL

CONSTRAINT dept\_did\_pk PRIMARY KEY,

name VARCHAR2(25) NOT NULL,

m\_ssn INT NOT NULL,

budget NUMBER(3,8) NOT NULL,

CONSTRAINT dept\_m\_ssn\_fk FOREIGN KEY(m\_ssn) REFERENCES employee(ssn)

);

CREATE TABLE dependants(

ssn INT NOT NULL,

name VARCHAR2(25) NOT NULL,

age INT NOT NULL,

CONSTRAINT depn\_name\_pk PRIMARY KEY(ssn,name)

);

CREATE TABLE works\_in(

ssn INT NOT NULL ,

did INT NOT NULL,

join\_date DATE NOT NULL,

CONSTRAINT works\_did\_pk PRIMARY KEY(ssn,did)

);

CREATE TABLE trainings(

tid INT NOT NULL

CONSTRAINT trin\_tid\_pk PRIMARY KEY,

tname VARCHAR2(25) NOT NULL,

tstart\_date DATE NOT NULL,

tend\_date DATE NOT NULL,

texpense NUMBER(3,8) NOT NULL

);

CREATE TABLE training\_partc(

tid INT NOT NULL,

ssn int not null,

CONSTRAINT train\_tid\_fk FOREIGN KEY(tid) REFERENCES trainings(tid),

CONSTRAINT train\_ssn\_fk FOREIGN KEY(ssn) REFERENCES employee(ssn)

);

CREATE TABLE emp\_rating(

ssn INT NOT NULL,

rating INT NOT NULL,

CONSTRAINT emprtng\_ssn\_pk FOREIGN KEY(ssn) REFERENCES employee(ssn)

);

CREATE TABLE variable\_pay(

ssn INT NOT NULL,

v\_pay NUMBER(2,6) NOT NULL,

CONSTRAINT empvp\_ssn\_pk FOREIGN KEY(ssn) REFERENCES employee(ssn)

);