Database Design CS 6360

Project Final Report

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# Project Description

Design, develop, and test a graduate school database. The project consists of four parts: conceptual database design (Phase I), logical database design (Phase II), Oracle relational database implementation (Phase III), and final report &demo (Phase IV).

1. The graduate school contains several departments. Each department has following properties: full name, abbreviation, web site address.
2. Each department owns one or more buildings. Each building has a full name and abbreviation.
3. Each building contains some rooms, each of which has a room number (integer ranging from 1000 to 9999). There are three kinds of rooms, i.e. classroom, office, and lab. In addition to room number, each classroom has a capacity and a computer password, and each lab has a name.
4. Many people are in the graduate school. Each person has the following properties: net ID, name (first name, middle initial, last name), date of birth, phone number (10 digit integer), email address, home address (street address, city, state, zip code). There are two kinds of people: employee and student.
5. Each employee has a SSN and salary. Each employee must be hired by a department. An employee must be one of the following kinds: professor, lecturer, teaching assistant (TA), or research assistant (RA).
6. Professors, lecturers, and TA's are assigned an office each, and have office hours. Several TA's may share the same office. Each professor has a rank: assistant professor, associate professor, or full professor. Professors may or may not run labs. A professor can run several labs, while a lab may be run by several professors together. A professor may or may not advise one or more students. A student may be co-advised by two professors. Each department has a department head who must be a professor.
7. A TA/RA must also be a student. A student may be both TA and RA simultaneously. Each RA works for a professor in a lab and is assigned a workload (e.g. 20 hours per week).
8. Several courses are provided by each department. Each course has properties including name, course number (1000 - 9999), credit hour (1-6), and required text book. A course may have no text book or multiple text books. Each course has one or more sections, each of which has semester, year, section number (0-999), class time, capacity, classroom, and an instructor who's either a professor or a lecturer. Each section also has one or more TA, with workload assigned. A TA may work for several course sections with different workloads.
9. Each department may have several tracks, each of which has a name. Each student must be enrolled in one and only one track. Each track has four or more core courses.
10. A student may be taking a course section. A student may also have finished a course section, with a grade assigned (decimal number from 0.00 to 4.00). A student may have one or more prerequisite courses. The prerequisite courses should be recorded for even if the student fulfilled it later.

# Project Questions

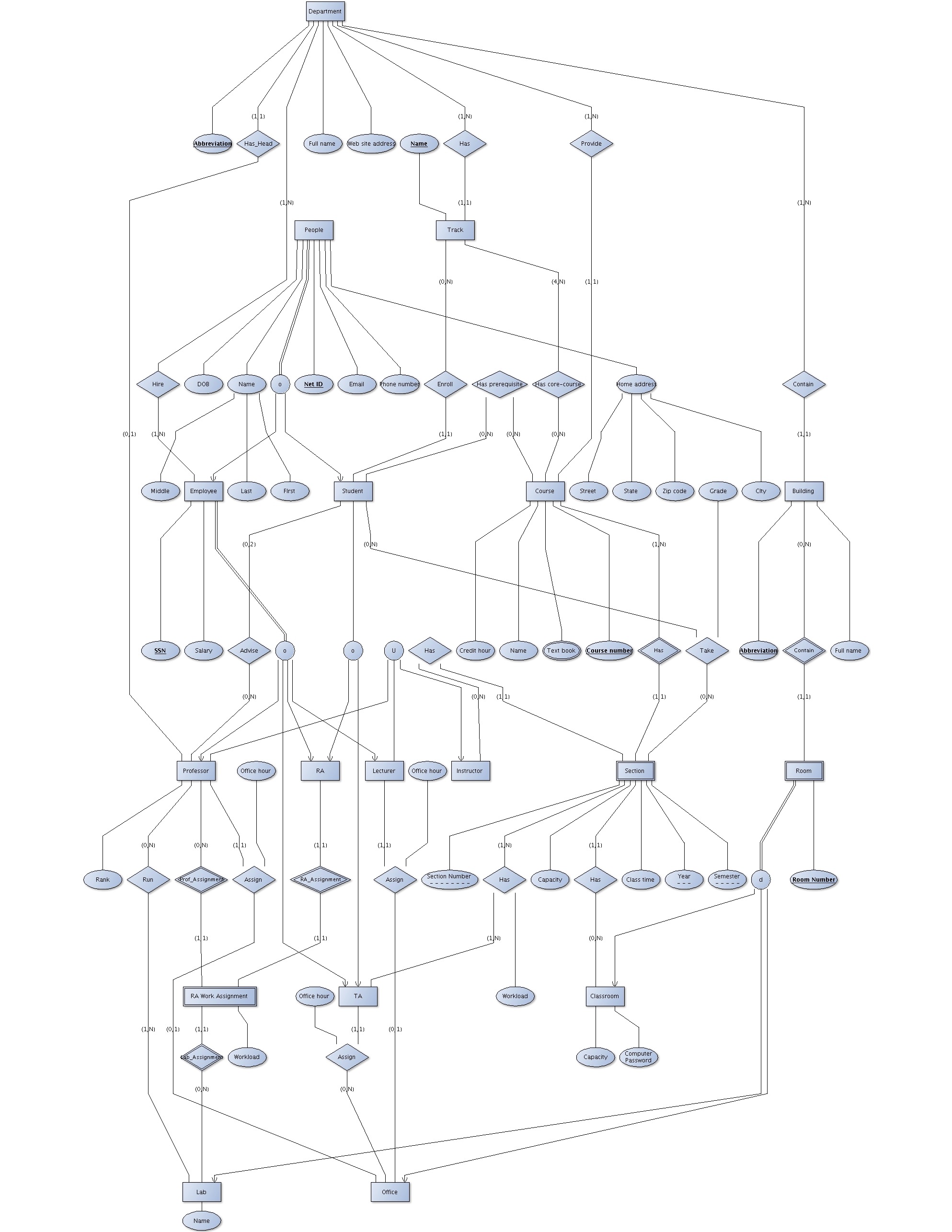
1. Can you think 5 more rules (other than the one explicitly described above) that are likely to be used in the system?
2. Each lab has its research direction, and a limited capacity of RA.
3. Each RA has his research area, and amount of publications.
4. Each Section should have some homework and projects.
5. Each student should pay tuition for sections for each semester based on the number of sections he (she) takes.
6. Full professor may have a secretary and each secretary should have an office.
7. Is the ability to model super-class/subclass relationships likely to be important in such environment? Why or why not?

Yes, it is very important to use super-class/subclass relationships for this project. Super-class/subclass relationships help us simplify our entity relation diagram. Our project model contains a great amount of entities that could fit in super-class/subclass relationship. For example, there are 8 tables about people. If we don’t use the concept of super-class/subclass, there will be lots of redundant relation type in the ER diagram. By using simplified diagram, we can map EER model to relation schema in an easy manner.

1. Justify using a Relational DBMS like Oracle for this project.

Relational DBMS manages a collection of related table, each of which could be represented as an entity or relation by the concept of OO (Object Oriented). In this project, the sense of entities and relations are strong and clear. It is suitable to model this project to a relational model, which could be managed by Relational DBMS. Furthermore, non-relational DBMS mainly use key-value, graph, or document to store data. Based on this characteristic of non-relational DBMS, they are not suitable for modeling OO based entities and relations.

# EER Diagram with Assumptions



## EER Notation Clarification

 We use  to instead  notation in EER diagram.  We put participation role into relationship type name since our EER editor tool cannot make graph clearer if we keep them on line.  Other notations are remain same with EER diagram notations.

## EER Assumptions

1. One Graduate School must have one department.
2. Abbreviation of department is key attribute for department.
3. One Building can only belongs to one Department.
4. Abbreviation of building is key attribute for building.
5. One room must belongs to only one building.
6. Room Number attribute of room is key.
7. People can only and must belongs to one graduate school.
8. Net Id of people is key.
9. SSN of employee is key.
10. Each Department at least hires one employee.
11. Student at least is advised by one professor.
12. Professor could be head of only one department.
13. Not every student is a RA or TA.
14. Each Department at least provides one course.
15. Each course can be only provided from one department.
16. Section Number is partial key.
17. TA at least works for one section.
18. Department has at least one track.
19. Each Track must belong to only one department.
20. Name of track is key.
21. Graduate School has key attribute school id.

# Relation Schema

Macintosh HD:Users:leoyuchuan:Google Drive:UTDallas:14F-CS6360-Database Design:Project:Database Design Project Share:Project:Phase IV:Schema_Constraints.pdf

# SQL Statement

In order to run SQL statement, you need to create a empty Oracle database and execute our SQL statements under the empty Oracle database.

## Create Table

/\*\*

\* Database Project Phase III C Database Creation

\*/

/\*\*

\* PEOPLE(net\_id ,phone\_number, DOB, email, last\_name, middle\_name, first\_name, zip\_code, state, city, street)

\*/

CREATE TABLE PEOPLE

(

net\_id VARCHAR(24) NOT NULL,

phone\_number INTEGER NOT NULL,

DOB DATE NOT NULL,

email VARCHAR(128),

last\_name VARCHAR(32) NOT NULL,

middle\_name VARCHAR(32),

first\_name VARCHAR(32) NOT NULL,

zip\_code INTEGER NOT NULL,

state VARCHAR(24) NOT NULL,

city VARCHAR(24) NOT NULL,

street VARCHAR(128) NOT NULL,

CONSTRAINT pk\_people PRIMARY KEY (net\_id),

CONSTRAINT chk\_people\_phonenumber CHECK (phone\_number>=1000000000 AND phone\_number<=9999999999),

CONSTRAINT chk\_people\_zipcode CHECK (zip\_code>=10000 AND zip\_code<=99999)

);

/\*\*

\* STUDENT(net\_id , track\_name)

\*/

CREATE TABLE STUDENT

(

net\_id VARCHAR(24) NOT NULL,

track\_name VARCHAR(64) NOT NULL,

CONSTRAINT pk\_student PRIMARY KEY (net\_id),

CONSTRAINT fk\_student\_1 FOREIGN KEY (net\_id) REFERENCES PEOPLE(net\_id)/\*,

CONSTRAINT fk\_student\_2 FOREIGN KEY (track\_name) REFERENCES TRACK(name) This Constraint will add later on\*/

);

/\*\*

\* EMPLOYEE (ssn, net\_id, salary)

\*/

CREATE TABLE EMPLOYEE

(

ssn INTEGER NOT NULL,

net\_id VARCHAR(24) NOT NULL,

salary DECIMAL(18,2) NOT NULL,

CONSTRAINT pk\_employee PRIMARY KEY (net\_id),

CONSTRAINT fk\_employee FOREIGN KEY (net\_id) REFERENCES PEOPLE(net\_id)

);

/\*\*

\* RA(net\_id)

\*/

CREATE TABLE RA

(

net\_id VARCHAR(24) NOT NULL,

CONSTRAINT pk\_ra PRIMARY KEY (net\_id),

CONSTRAINT fk\_ra\_1 FOREIGN KEY (net\_id) REFERENCES STUDENT (net\_id),

CONSTRAINT fk\_ra\_2 FOREIGN KEY (net\_id) REFERENCES EMPLOYEE (net\_id)

);

/\*\*

\* DEPARTMENT (abbreviation, website\_address, full\_name, head\_prof\_net\_id)

\*/

CREATE TABLE DEPARTMENT

(

abbreviation VARCHAR(10) NOT NULL,

website\_address VARCHAR(255),

full\_name VARCHAR(128) NOT NULL,

head\_prof\_net\_id VARCHAR(24) NOT NULL,

CONSTRAINT pk\_department PRIMARY KEY (abbreviation)/\*,

CONSTRAINT fk\_department FOREIGN KEY (head\_prof\_net\_id) REFERENCES PROFESSOR(net\_id) This constaint will added later\*/

);

/\*\*

\* BUILDING (abbreviation, full\_name, dept\_abbreviation)

\*/

CREATE TABLE BUILDING

(

abbreviation VARCHAR(10) NOT NULL,

full\_name VARCHAR(32) NOT NULL,

dept\_abbreviation VARCHAR(10) NOT NULL,

CONSTRAINT pk\_building PRIMARY KEY (abbreviation),

CONSTRAINT fk\_building FOREIGN KEY (dept\_abbreviation) REFERENCES DEPARTMENT(abbreviation)

);

/\*\*

\* ROOM(room\_number, building\_abbreviation)

\*/

CREATE TABLE ROOM

(

room\_number INTEGER NOT NULL,

building\_abbreviation VARCHAR(10),

CONSTRAINT pk\_room PRIMARY KEY (room\_number, building\_abbreviation),

CONSTRAINT chk\_room\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_room FOREIGN KEY (building\_abbreviation) REFERENCES BUILDING(abbreviation)

);

/\*\*

\* LAB (room\_number, building\_abbreviation, name)

\*/

CREATE TABLE LAB

(

room\_number INTEGER NOT NULL,

building\_abbreviation VARCHAR(10) NOT NULL,

name VARCHAR(64) NOT NULL,

CONSTRAINT pk\_lab PRIMARY KEY (room\_number, building\_abbreviation),

CONSTRAINT chk\_lab\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_lab FOREIGN KEY (room\_number,building\_abbreviation) REFERENCES ROOM (room\_number,building\_abbreviation)

);

/\*\*

\* CLASSROOM (building\_abbreviation, room\_number, capacity, computer\_password)

\*/

CREATE TABLE CLASSROOM

(

building\_abbreviation VARCHAR(10) NOT NULL,

room\_number INTEGER NOT NULL,

capacity INTEGER NOT NULL ,

computer\_password VARCHAR(64),

CONSTRAINT pk\_classroom PRIMARY KEY (building\_abbreviation, room\_number),

CONSTRAINT chk\_classroom\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_classroom FOREIGN KEY (building\_abbreviation,room\_number) REFERENCES ROOM(building\_abbreviation,room\_number)

);

/\*\*

\* OFFICE(room\_number, building\_abbreviation)

\*/

CREATE TABLE OFFICE

(

room\_number INTEGER NOT NULL,

building\_abbreviation VARCHAR(10) NOT NULL,

CONSTRAINT pk\_office PRIMARY KEY (room\_number, building\_abbreviation),

CONSTRAINT chk\_office\_roomnumber CHECK(room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_office FOREIGN KEY (room\_number,building\_abbreviation) REFERENCES ROOM(room\_number,building\_abbreviation)

);

/\*\*

\* TA(net\_id , office\_roomnumber , office\_building\_abbreviation, office\_hour)

\*/

CREATE TABLE TA

(

net\_id VARCHAR(24) NOT NULL,

office\_roomnumber INTEGER NOT NULL,

office\_building\_abbreviation VARCHAR(10) NOT NULL,

office\_hour DECIMAL(5,2) NOT NULL,

CONSTRAINT pk\_ta PRIMARY KEY (net\_id),

CONSTRAINT chk\_ta\_office\_number CHECK (office\_roomnumber>=1000 AND office\_roomnumber<=9999),

CONSTRAINT fk\_ta\_1 FOREIGN KEY (net\_id) REFERENCES STUDENT (net\_id),

CONSTRAINT fk\_ta\_2 FOREIGN KEY (net\_id) REFERENCES EMPLOYEE (net\_id),

CONSTRAINT fk\_ta\_3 FOREIGN KEY (office\_roomnumber,office\_building\_abbreviation) REFERENCES OFFICE (room\_number,building\_abbreviation)

);

/\*\*

\* PROFESSOR(net\_id , rank, office\_roomnumber, office\_building\_abbreviation , office\_hour)

\*/

CREATE TABLE PROFESSOR

(

net\_id VARCHAR(24) NOT NULL,

rank VARCHAR(10) NOT NULL,

office\_roomnumber INTEGER NOT NULL,

office\_building\_abbreviation VARCHAR(10) NOT NULL,

office\_hour DECIMAL(5,2) NOT NULL,

CONSTRAINT pk\_professor PRIMARY KEY (net\_id),

CONSTRAINT chk\_professor\_orn CHECK (office\_roomnumber>=1000 AND office\_roomnumber<=9999),

CONSTRAINT chk\_professor\_rank CHECK (rank IN ('assistant','associate','full')),

CONSTRAINT fk\_professor\_1 FOREIGN KEY (office\_roomnumber,office\_building\_abbreviation) REFERENCES OFFICE(room\_number,building\_abbreviation),

CONSTRAINT fk\_professor\_2 FOREIGN KEY (net\_id) REFERENCES EMPLOYEE(net\_id)

);

/\*\*

\* ADVICE (prof\_net\_id, student\_net\_id)

\*/

CREATE TABLE ADVICE

(

prof\_net\_id VARCHAR(24) NOT NULL,

student\_net\_id VARCHAR(24) NOT NULL,

CONSTRAINT pk\_advice PRIMARY KEY (prof\_net\_id, student\_net\_id),

CONSTRAINT fk\_advice\_1 FOREIGN KEY (prof\_net\_id) REFERENCES PROFESSOR(net\_id),

CONSTRAINT fk\_advice\_2 FOREIGN KEY (student\_net\_id) REFERENCES STUDENT(net\_id)

);

/\*\*

\* LECTURER (net\_id, office\_roomnumber, office\_building\_abbreviation, office\_hour)

\*/

CREATE TABLE LECTURER

(

net\_id VARCHAR(24) NOT NULL,

office\_roomnumber INTEGER NOT NULL,

office\_building\_abbreviation VARCHAR(10) NOT NULL,

office\_hour DECIMAL(5,2) NOT NULL,

CONSTRAINT pk\_lecturer PRIMARY KEY (net\_id),

CONSTRAINT chk\_lecturer\_orn CHECK (office\_roomnumber>=1000 AND office\_roomnumber<=9999),

CONSTRAINT fk\_lecturer\_1 FOREIGN KEY (office\_roomnumber,office\_building\_abbreviation) REFERENCES OFFICE(room\_number,building\_abbreviation),

CONSTRAINT fk\_lecturer\_2 FOREIGN KEY (net\_id) REFERENCES EMPLOYEE(net\_id)

);

/\*\*

\* INSTRUCTOR (net\_id)

\*/

CREATE TABLE INSTRUCTOR

(

net\_id VARCHAR(24) NOT NULL,

CONSTRAINT pk\_instructor PRIMARY KEY (net\_id)/\*,

CONSTRAINT fk\_instructor FOREIGN KEY use trigger later\*/

);

/\*\*

\* HIRE (dept\_abbreviation, net\_id)

\*/

CREATE TABLE HIRE

(

dept\_abbreviation VARCHAR(10) NOT NULL,

net\_id VARCHAR(24) NOT NULL,

CONSTRAINT pk\_hire PRIMARY KEY (dept\_abbreviation, net\_id),

CONSTRAINT fk\_hire\_1 FOREIGN KEY (dept\_abbreviation) REFERENCES DEPARTMENT(abbreviation),

CONSTRAINT fk\_hire\_2 FOREIGN KEY (net\_id) REFERENCES EMPLOYEE(net\_id)

);

/\*\*

\* TRACK (name, dept\_abbreviation)

\*/

CREATE TABLE TRACK

(

name VARCHAR(64) NOT NULL,

dept\_abbreviation VARCHAR(10) NOT NULL,

CONSTRAINT pk\_track PRIMARY KEY (name),

CONSTRAINT fk\_track FOREIGN KEY (dept\_abbreviation) REFERENCES DEPARTMENT(abbreviation)

);

/\*\*

\* COURSE (course\_number, name, credit\_hour, dept\_abbreviation)

\*/

CREATE TABLE COURSE

(

course\_number INTEGER NOT NULL,

name VARCHAR(64) NOT NULL,

credit\_hour INTEGER NOT NULL,

dept\_abbreviation VARCHAR(10) NOT NULL,

CONSTRAINT pk\_course PRIMARY KEY (course\_number),

CONSTRAINT chk\_course\_credithour CHECK (credit\_hour>=1 AND credit\_hour<=6),

CONSTRAINT chk\_course\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT fk\_course FOREIGN KEY (dept\_abbreviation) REFERENCES DEPARTMENT(abbreviation)

);

/\*\*

\* STUDENT\_PREREQUISITE (student\_net\_id, course\_number)

\*/

CREATE TABLE STUDENT\_PREREQUISITE

(

student\_net\_id VARCHAR(24) NOT NULL,

course\_number INTEGER NOT NULL,

CONSTRAINT pk\_sp PRIMARY KEY (student\_net\_id, course\_number),

CONSTRAINT chk\_sp\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT fk\_sp\_1 FOREIGN KEY (student\_net\_id) REFERENCES STUDENT(net\_id),

CONSTRAINT fk\_sp\_2 FOREIGN KEY (course\_number) REFERENCES COURSE(course\_number)

);

/\*\*

\* TRACK\_CORE\_COURSE (track\_name, course\_number)

\*/

CREATE TABLE TRACK\_CORE\_COURSE

(

track\_name VARCHAR(64) NOT NULL,

course\_number INTEGER NOT NULL,

CONSTRAINT pk\_tcc PRIMARY KEY (track\_name, course\_number),

CONSTRAINT chk\_tcc\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT fk\_tcc\_1 FOREIGN KEY (track\_name) REFERENCES TRACK(name),

CONSTRAINT fk\_tcc\_2 FOREIGN KEY (course\_number) REFERENCES COURSE(course\_number)

);

/\*\*

\* SECTION(course number , section\_number , year , semester , class\_time , capacity, instructor\_net\_id, building\_abbreviation , room\_number)

\*/

CREATE TABLE SECTION

(

course\_number INTEGER NOT NULL,

section\_number INTEGER NOT NULL,

year INTEGER NOT NULL,

semester VARCHAR(10) NOT NULL,

class\_time DECIMAL(5,2) NOT NULL,

capacity INTEGER NOT NULL,

instructor\_net\_id VARCHAR(24),

building\_abbreviation VARCHAR(10),

room\_number INTEGER NOT NULL,

CONSTRAINT pk\_section PRIMARY KEY (course\_number, section\_number, year, semester),

CONSTRAINT chk\_section\_coursenumber CHECK(course\_number>=1000 AND course\_number<=9999),

CONSTRAINT chk\_section\_year CHECK (year>=1000 AND year<=9999),

CONSTRAINT chk\_section\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT chk\_section\_sectionnumber CHECK (section\_number>=0 AND section\_number<=999),

CONSTRAINT chk\_section\_semester CHECK (semester IN ('fall','spring','summer')),

CONSTRAINT fk\_section\_1 FOREIGN KEY (course\_number) REFERENCES COURSE(course\_number),

CONSTRAINT fk\_section\_2 FOREIGN KEY (instructor\_net\_id) REFERENCES INSTRUCTOR(net\_id),

CONSTRAINT fk\_section\_3 FOREIGN KEY (building\_abbreviation,room\_number) REFERENCES CLASSROOM(building\_abbreviation,room\_number)

);

/\*\*

\* SECTION\_HAS\_TA (ta\_net\_id, course\_number, section\_number, year, semester, workload)

\*/

CREATE TABLE SECTION\_HAS\_TA

(

ta\_net\_id VARCHAR(24) NOT NULL,

course\_number INTEGER NOT NULL,

section\_number INTEGER NOT NULL,

year INTEGER NOT NULL,

semester VARCHAR(10) NOT NULL,

workload DECIMAL(5,2) NOT NULL,

CONSTRAINT pk\_sht PRIMARY KEY (ta\_net\_id,course\_number, section\_number, year, semester),

CONSTRAINT chk\_sht\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT chk\_sht\_sectionnumber CHECK (section\_number>=0 AND section\_number<=999),

CONSTRAINT chk\_sht\_year CHECK (year>=1000 AND year<=9999),

CONSTRAINT chk\_sht\_semester CHECK (semester IN ('fall','spring','summer')),

CONSTRAINT fk\_sht\_1 FOREIGN KEY (ta\_net\_id) REFERENCES TA (net\_id),

CONSTRAINT fk\_sht\_2 FOREIGN KEY (course\_number,section\_number,year,semester) REFERENCES SECTION(course\_number,section\_number,year,semester)

);

/\*\*

\* COURSE\_TEXTBOOK (course\_number, textbook)

\*/

CREATE TABLE COURSE\_TEXTBOOK

(

course\_number INTEGER NOT NULL,

textbook VARCHAR(64) NOT NULL,

CONSTRAINT pk\_ct PRIMARY KEY (course\_number, textbook),

CONSTRAINT chk\_ct\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT fk\_ct FOREIGN KEY (course\_number) REFERENCES COURSE(course\_number)

);

/\*\*

\* RA\_WORK\_ASSIGNMENT(workload , prof\_net\_id , ra\_net\_id , room\_number , building\_abbreviation)

\*/

CREATE TABLE RA\_WORK\_ASSIGNMENT

(

workload DECIMAL(5,2) NOT NULL,

prof\_net\_id VARCHAR(24) NOT NULL,

ra\_net\_id VARCHAR(24) NOT NULL,

room\_number INTEGER NOT NULL,

building\_abbreviation VARCHAR(10) NOT NULL,

CONSTRAINT pk\_raw PRIMARY KEY (prof\_net\_id, room\_number, building\_abbreviation),

CONSTRAINT chk\_raw\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_raw\_1 FOREIGN KEY (prof\_net\_id) REFERENCES PROFESSOR(net\_id),

CONSTRAINT fk\_raw\_2 FOREIGN KEY (ra\_net\_id) REFERENCES RA(net\_id),

CONSTRAINT fk\_raw\_3 FOREIGN KEY (room\_number,building\_abbreviation) REFERENCES LAB(room\_number,building\_abbreviation)

);

/\*\*

\* RUN (prof\_net\_id, building\_abbreviation, room\_number)

\*/

CREATE TABLE RUN

(

prof\_net\_id VARCHAR(24) NOT NULL,

building\_abbreviation VARCHAR(10) NOT NULL,

room\_number INTEGER NOT NULL,

CONSTRAINT pk\_run PRIMARY KEY (prof\_net\_id, building\_abbreviation, room\_number),

CONSTRAINT chk\_run\_roomnumber CHECK (room\_number>=1000 AND room\_number<=9999),

CONSTRAINT fk\_run\_1 FOREIGN KEY (prof\_net\_id) REFERENCES PROFESSOR(net\_id),

CONSTRAINT fk\_run\_2 FOREIGN KEY (building\_abbreviation,room\_number) REFERENCES LAB(building\_abbreviation,room\_number)

);

/\*\*

\* TAKE(student\_net\_id, course\_number, section\_number, year, semester, grade)

\*/

CREATE TABLE TAKE

(

student\_net\_id VARCHAR(24) NOT NULL,

course\_number INTEGER NOT NULL,

section\_number INTEGER NOT NULL,

year INTEGER NOT NULL,

semester VARCHAR(10) NOT NULL,

grade DECIMAL(3,2),

CONSTRAINT pk\_take PRIMARY KEY (student\_net\_id, course\_number, section\_number, year, semester),

CONSTRAINT chk\_take\_coursenumber CHECK (course\_number>=1000 AND course\_number<=9999),

CONSTRAINT chk\_take\_sectionnumber CHECK (section\_number>=0 AND section\_number<=999),

CONSTRAINT chk\_take\_year CHECK (year>=1000 AND year<9999),

CONSTRAINT chk\_take\_grade CHECK (grade>=0.00 AND grade<=4.00),

CONSTRAINT chk\_take\_semester CHECK (semester IN ('fall','spring','summer')),

CONSTRAINT fk\_take\_1 FOREIGN KEY (student\_net\_id) REFERENCES STUDENT(net\_id),

CONSTRAINT fk\_take\_2 FOREIGN KEY (course\_number,section\_number,year,semester) REFERENCES SECTION(course\_number,section\_number,year,semester)

);

ALTER TABLE DEPARTMENT ADD CONSTRAINT fk\_department FOREIGN KEY (head\_prof\_net\_id) REFERENCES PROFESSOR(net\_id);

ALTER TABLE STUDENT ADD CONSTRAINT fk\_student\_2 FOREIGN KEY (track\_name) REFERENCES TRACK(name);

CREATE TRIGGER fk\_instructor

BEFORE INSERT OR UPDATE

ON INSTRUCTOR

REFERENCING NEW AS NEW OLD AS OLD

FOR EACH ROW

DECLARE

num INTEGER;

cannot\_insert\_or\_update EXCEPTION;

CURSOR c1 IS

SELECT COUNT(\*)

FROM (

SELECT net\_id

FROM PROFESSOR

WHERE UPPER (net\_id) = UPPER (:NEW.net\_id)

UNION

SELECT net\_id

FROM LECTURER

WHERE UPPER (net\_id) = UPPER (:NEW.net\_id)

);

BEGIN

OPEN c1;

FETCH c1 INTO num;

CLOSE c1;

IF num = 0 THEN

RAISE cannot\_insert\_or\_update;

END IF;

EXCEPTION

WHEN cannot\_insert\_or\_update THEN

RAISE\_APPLICATION\_ERROR('-20303','BREAK FOREIGN KEY INTEGRITY');

WHEN OTHERS THEN

RAISE;

END;

## Create View

/\*\*

\* Database Project Phase III D View Creation

\*/

/\*\*

\* 1. Department heads: List all department names with their department head's names and salaries.

\*/

CREATE VIEW Department\_heads AS

SELECT d.full\_name, p.last\_name, p.middle\_name, p.first\_name, e.salary

FROM PEOPLE p, EMPLOYEE e, DEPARTMENT d

WHERE p.net\_id = e.net\_id AND e.net\_id = d.head\_prof\_net\_id;

/\*\*

\* 2. Students with prerequisites: List name of students who have any prerequisite course (no matter he/she had taken it or not).

\*/

CREATE VIEW Students\_with\_prerequisites AS

SELECT p.last\_name, p.middle\_name, p.first\_name

FROM STUDENT s, STUDENT\_PREREQUISITE sp, PEOPLE p

WHERE s.net\_id = p.net\_id

AND s.net\_id = sp.student\_net\_id;

/\*\*

\* 3. Current courses: List name and department of courses that have section in current semester.

\*/

CREATE VIEW Current\_courses AS

SELECT distinct c.name, d.full\_name

FROM COURSE c, DEPARTMENT d, SECTION s

WHERE (c.course\_number=s.course\_number)

AND (d.abbreviation=c.dept\_abbreviation)

AND (s.year=2014)

AND (s.semester='fall');

/\*\*

\* 4. Student workers: List name and id of students who work as TA and/or RA, with their workloads. If a student work as both TA and RA, or if she work as TA for several course sections, show her total workload.

\*/

CREATE VIEW Student\_workers AS

SELECT p.last\_name, p.middle\_name, p.first\_name, wl.net\_id, wl.workload

FROM(

SELECT net\_id, SUM(workload) AS workload

FROM(

SELECT ra\_net\_id AS net\_id, workload

FROM RA\_WORK\_ASSIGNMENT

UNION ALL

SELECT ta\_net\_id AS net\_id, workload

FROM SECTION\_HAS\_TA

)

GROUP BY net\_id

) wl, PEOPLE p

WHERE wl.net\_id = p.net\_id;

## Select Statement

/\*\*

\* Database Project Phase III E Select

\*/

/\*\*

\* 1. Retrieve name and phone number of students living in Richardson.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, p.phone\_number

FROM PEOPLE p, STUDENT s

WHERE (p.net\_id = s.net\_id)

AND (p.city = 'richardson');

/\*\*

\* 2. Retrieve the SSN and name of lecturers and TA's working for CS department.

\*/

SELECT e.ssn, p.last\_name, p.middle\_name, p.first\_name

FROM (

SELECT l.net\_id

FROM LECTURER l, HIRE h

WHERE l.net\_id = h.net\_id

AND h.dept\_abbreviation = 'eecs'

UNION

SELECT ta.net\_id

FROM TA ta, HIRE h

WHERE ta.net\_id = h.net\_id

AND h.dept\_abbreviation = 'eecs'

) lt, EMPLOYEE e, PEOPLE p

WHERE lt.net\_id = e.net\_id

AND lt.net\_id = p.net\_id;

/\*\*

\* 3. Retrieve the name and web site address of departments which have the most number of buildings.

\*/

SELECT d.full\_name, d.website\_address

FROM (

SELECT dept\_abbreviation

FROM BUILDING

GROUP BY dept\_abbreviation

HAVING COUNT(\*)=(

SELECT MAX(num)

FROM(

SELECT Count(\*) AS num

FROM BUILDING

GROUP BY dept\_abbreviation

)

)

) abbr, DEPARTMENT d

WHERE (abbr.dept\_abbreviation=d.abbreviation);

/\*\*

\* 4. Retrieve the name and total capacity of all courses.

\*/

SELECT c.name, sc.capacity

FROM (

SELECT course\_number, SUM(capacity) AS capacity

FROM SECTION

GROUP BY course\_number

) sc, COURSE c

WHERE sc.course\_number = c.course\_number;

/\*\*

\* 5. For students who work as both TA and RA, retrieve their name, address, and course sections they work for.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, p.state, p.city, p.street, p.zip\_code, c.name, s.course\_number, s.section\_number, s.year, s.semester

FROM TA t, RA r, PEOPLE p, SECTION\_HAS\_TA s, COURSE c

WHERE(t.net\_id=r.net\_id)

AND (t.net\_id=p.net\_id)

AND (t.net\_id=s.ta\_net\_id)

AND (s.course\_number=c.course\_number);

/\*\*

\* 6. For each department, retrieve the name and salary of employees whose salary is higher than the average salary of the department.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, e.salary

FROM (

SELECT AVG(salary) AS avg\_salary, dept\_abbreviation

FROM (

SELECT em.net\_id, hi.dept\_abbreviation, em.salary

FROM EMPLOYEE em, HIRE hi

WHERE em.net\_id = hi.net\_id

)

GROUP BY dept\_abbreviation

) avg, PEOPLE p, EMPLOYEE e, HIRE h

WHERE (avg.dept\_abbreviation = h.dept\_abbreviation)

AND (p.net\_id = e.net\_id)

AND (e.net\_id = h.net\_id)

AND (e.salary > avg.avg\_salary);

/\*\*

\* 7. Retrieve the number of buildings which have classrooms with capacity higher than 200.

\*/

SELECT COUNT(DISTINCT building\_abbreviation)

FROM CLASSROOM

WHERE capacity>200;

/\*\*

\* 8. For each lecturer whose course sections have total capacity higher than 150, retrieve the lecturer's name and salary.

\*/

SELECT DISTINCT p.last\_name, p.middle\_name, p.first\_name, e.salary

FROM PEOPLE p, LECTURER l, SECTION s, EMPLOYEE e

WHERE (p.net\_id = l.net\_id)

AND (l.net\_id = s.instructor\_net\_id)

AND (l.net\_id = e.net\_id)

AND (s.capacity > 150);

/\*\*

\* 9. Retrieve the name and id of students who have taken all core courses but have no advisor.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, p.net\_id

FROM (

SELECT net\_id

FROM STUDENT

MINUS (

SELECT DISTINCT net\_id

FROM (

SELECT s.net\_id, tcc.course\_number

FROM STUDENT s, TRACK\_CORE\_COURSE tcc

WHERE s.track\_name = tcc.track\_name

MINUS

SELECT t.student\_net\_id, t.course\_number

FROM TAKE t

WHERE t.grade IS NOT NULL

)

)

) cmpl, PEOPLE p

WHERE (cmpl.net\_id = p.net\_id)

AND (cmpl.net\_id NOT IN (

SELECT DISTINCT student\_net\_id

FROM ADVICE)

);

/\*\*

\* 10. Retrieve the course sections which are full (enrolled student number equals capacity).

\*/

SELECT s.course\_number, s.section\_number, s.year, s.semester

FROM (

SELECT t.course\_number, t.section\_number, t.year, t.semester, COUNT(\*) AS taken

FROM SECTION s, TAKE t

WHERE (s.course\_number = t.course\_number)

AND (s.section\_number = t.section\_number)

AND (s.year = t.year)

AND (s.semester = t.semester)

GROUP BY t.course\_number, t.section\_number, t.year, t.semester

) tk, SECTION s

WHERE tk.course\_number = s.course\_number

AND tk.section\_number = s.section\_number

AND tk.year = s.year

AND tk.semester = s.semester

AND tk.taken = s.capacity;

/\*\*

\* 11. For each track of CS department, retrieve their name, number of core courses, and number of students.

\*/

SELECT t.name, cn.cnum, sn.snum

FROM (

SELECT track\_name, COUNT(\*) AS cnum

FROM TRACK\_CORE\_COURSE

GROUP BY track\_name

) cn, (

SELECT track\_name, COUNT(\*) AS snum

FROM STUDENT

GROUP BY track\_name

) sn, TRACK t

WHERE t.name = cn.track\_name

AND t.name = sn.track\_name

AND t.dept\_abbreviation = 'eecs';

/\*\*

\* 12. Retrieve the average salary of lecturers who instruct at least 3 course sections.

\*/

SELECT AVG(salary)

FROM EMPLOYEE e

WHERE e.net\_id IN (

SELECT instructor\_net\_id AS net\_id

FROM SECTION

WHERE instructor\_net\_id IN (SELECT net\_id FROM LECTURER)

GROUP BY instructor\_net\_id

HAVING COUNT(\*)>=3

);

/\*\*

\* 13. Retrieve the name and id of professors who run exactly one lab and their lab and office are in the same building.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, prof.prof\_net\_id

FROM (

SELECT prof\_net\_id

FROM PROFESSOR p, RUN r

WHERE p.net\_id IN (

SELECT prof\_net\_id

FROM RUN

GROUP BY prof\_net\_id

HAVING COUNT(\*)=1

)

AND p.net\_id = r.prof\_net\_id

AND p.office\_building\_abbreviation = r.building\_abbreviation

) prof, PEOPLE p

WHERE prof.prof\_net\_id = p.net\_id;

/\*\*

\* 14. For each department, retrieve the name of the highest paid professor and the name of lab(s) she run.

\*/

SELECT p.last\_name, p.middle\_name, p.first\_name, l.name

FROM PEOPLE p, RUN r, LAB l

WHERE p.net\_id IN (

SELECT net\_id

FROM (

SELECT net\_id, salary

FROM EMPLOYEE

WHERE net\_id IN (SELECT net\_id FROM PROFESSOR)

)

WHERE salary = (

SELECT MAX(salary)

FROM (

SELECT net\_id, salary

FROM EMPLOYEE

WHERE net\_id IN (SELECT net\_id FROM PROFESSOR)

)

)

)

AND p.net\_id = r.prof\_net\_id

AND r.building\_abbreviation = l.building\_abbreviation

AND r.room\_number = l.room\_number;

/\*\*

\* 15. Retrieve the name and email address of students with highest GPA.

\*/

SELECT last\_name, middle\_name, first\_name, email

FROM PEOPLE

WHERE net\_id IN (

SELECT student\_net\_id

FROM TAKE

GROUP BY student\_net\_id

HAVING AVG(grade) = (

SELECT MAX(avggrade)

FROM (

SELECT student\_net\_id, AVG(grade) AS avggrade

FROM TAKE

GROUP BY student\_net\_id

)

)

)

# Dependency Diagram

Macintosh HD:Users:leoyuchuan:Google Drive:UTDallas:14F-CS6360-Database Design:Project:Database Design Project Share:Project:Phase IV:Dependency Diagram.pdf

Macintosh HD:Users:leoyuchuan:Google Drive:UTDallas:14F-CS6360-Database Design:Project:Database Design Project Share:Project:Phase IV:Dependency Diagram.pdf

Macintosh HD:Users:leoyuchuan:Google Drive:UTDallas:14F-CS6360-Database Design:Project:Database Design Project Share:Project:Phase IV:Dependency Diagram.pdf

# Appendix

## Data Population SQL Statement

ALTER TABLE DEPARTMENT DISABLE CONSTRAINT fk\_department;

ALTER TABLE STUDENT DISABLE CONSTRAINT fk\_student\_2;

REM INSERTING into DEPARTMENT

SET DEFINE OFF;

Insert into DEPARTMENT (ABBREVIATION,WEBSITE\_ADDRESS,FULL\_NAME,HEAD\_PROF\_NET\_ID) values ('eecs','eecs.utdallas.edu','erik jonsson','10000');

Insert into DEPARTMENT (ABBREVIATION,WEBSITE\_ADDRESS,FULL\_NAME,HEAD\_PROF\_NET\_ID) values ('jindal','jindal.utdallas.edu','naveen jindal','10001');

REM INSERTING into PEOPLE

SET DEFINE OFF;

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10000',9794945368,to\_date('10-MAY-66','DD-MON-RR'),'Integer.aliquam@odiosempercursus.net','Kyle','Anika','Macaulay',50770,'dolor,','richardson','Ap #539-4098 Enim Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10001',7646068009,to\_date('29-DEC-80','DD-MON-RR'),'malesuada@nonjusto.edu','Octavia','Colette','Cain',28674,'et','metus.','195-9801 Eu Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10002',4679403209,to\_date('29-JUL-89','DD-MON-RR'),'ipsum.sodales.purus@ultriciessem.com','Len','Constance','Amos',77697,'Fusce','Nam','P.O. Box 783, 300 Parturient Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10003',8093631451,to\_date('07-NOV-68','DD-MON-RR'),'vulputate@nullaat.org','Jessamine','Kuame','Barbara',86154,'Ut','Quisque','7609 Massa Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10004',9623972233,to\_date('24-OCT-82','DD-MON-RR'),'quis.tristique.ac@urnaetarcu.com','Lars','Ora','Omar',27179,'nec','consequat','Ap #441-4307 Aliquam Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10005',7096694203,to\_date('12-MAR-88','DD-MON-RR'),'nonummy.ac.feugiat@VivamusnisiMauris.net','MacKenzie','Dorian','Galena',74354,'faucibus','amet,','6225 Turpis. Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10006',1744581562,to\_date('10-AUG-88','DD-MON-RR'),'molestie@habitant.com','Calista','Hector','Guy',71655,'enim','ante','4726 Ornare, St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10007',6710466155,to\_date('27-AUG-96','DD-MON-RR'),'volutpat.Nulla.dignissim@lorem.net','Quinlan','Paloma','Melvin',82507,'vel','urna.','Ap #859-5261 Posuere Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10008',9079109614,to\_date('24-JUN-84','DD-MON-RR'),'elit.a.feugiat@diam.edu','Gregory','Robin','Tarik',73220,'elementum,','mollis','5387 Erat Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10009',5341545593,to\_date('21-OCT-69','DD-MON-RR'),'a@magnisdisparturient.edu','Keegan','Lucas','Neville',97940,'mi.','Praesent','202-2083 Ligula St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10010',8078842027,to\_date('04-MAR-79','DD-MON-RR'),'interdum.Sed@Duiselementumdui.edu','Giacomo','Pamela','Plato',93252,'quis','nisi','9256 Morbi St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10011',7755056944,to\_date('04-MAY-94','DD-MON-RR'),'magnis@ametornare.net','Ann','Rajah','Olympia',19712,'amet,','rhoncus','P.O. Box 389, 8037 Nibh Road');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10012',6458824042,to\_date('29-NOV-96','DD-MON-RR'),'Integer.sem.elit@placeratCras.org','Nyssa','Candice','Marshall',99776,'Sed','lacus.','Ap #399-2450 Sollicitudin Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10013',4480589197,to\_date('25-SEP-82','DD-MON-RR'),'ac.mattis@duiCumsociis.net','Basia','Veda','Brenden',85361,'enim','consectetuer','9675 Elit. Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10014',9525385051,to\_date('18-SEP-90','DD-MON-RR'),'Aliquam@sociisnatoque.com','Hollee','Adam','Kimberly',91637,'posuere','richardson','Ap #682-4428 Quisque Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10015',3906030883,to\_date('25-OCT-67','DD-MON-RR'),'nibh@nisl.com','Ethan','Daniel','Imani',97968,'ultrices','tempus','839-5728 Quis St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10016',3466817983,to\_date('28-DEC-99','DD-MON-RR'),'placerat.eget@Donecnibhenim.ca','Desirae','Xander','Tad',38752,'est','posuere','P.O. Box 419, 8768 Donec St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10017',2527550400,to\_date('12-JUL-78','DD-MON-RR'),'Sed.eget@non.com','Uta','Gannon','Kylan',81252,'Cras','vel','538-5899 Felis, St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10018',3268042834,to\_date('06-JAN-88','DD-MON-RR'),'turpis.In@massaVestibulumaccumsan.org','Dai','Tasha','Kristen',56138,'pede,','leo','Ap #799-9941 Odio Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10019',7932626804,to\_date('16-JUL-79','DD-MON-RR'),'tortor.dictum@dolordapibusgravida.co.uk','Sean','Orson','Colleen',21010,'Maecenas','justo','2425 Metus Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10020',5885979843,to\_date('17-MAY-97','DD-MON-RR'),'non.justo.Proin@eget.ca','Nicholas','Sybill','Price',60834,'vel,','eleifend','Ap #608-6136 Donec Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10021',5835444091,to\_date('30-AUG-76','DD-MON-RR'),'cursus@turpisegestasFusce.org','Howard','Iris','Thomas',76081,'molestie','Integer','P.O. Box 645, 3402 Enim Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10022',5949135790,to\_date('15-FEB-82','DD-MON-RR'),'nisl@auctor.org','Teagan','Madonna','Chelsea',19468,'in','lacus.','P.O. Box 102, 8051 Non Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10023',8215582136,to\_date('02-NOV-63','DD-MON-RR'),'vel.vulputate@Crasconvallisconvallis.ca','Kelly','Maris','Julie',86541,'Suspendisse','ultricies','Ap #995-2285 Tincidunt Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10024',6976103532,to\_date('25-JUN-87','DD-MON-RR'),'neque.tellus@posuereatvelit.edu','Florence','Slade','Aaron',52855,'sagittis','Nullam','146-7306 Facilisis Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10025',3744481601,to\_date('31-AUG-84','DD-MON-RR'),'dui@nisia.edu','Aimee','Yuli','Eaton',32796,'non','nec,','P.O. Box 544, 8626 Est Ave');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10026',6660449189,to\_date('28-OCT-72','DD-MON-RR'),'facilisis@auctorodio.net','Myra','Brett','Kalia',66481,'sodales','richardson','960-6555 Commodo Ave');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10027',2409216053,to\_date('30-NOV-94','DD-MON-RR'),'est.Mauris@vitae.co.uk','Raja','Abbot','Tanisha',10593,'Nullam','ut','Ap #313-2053 Lorem Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10028',9815365151,to\_date('02-MAY-76','DD-MON-RR'),'vulputate@ipsum.org','Kay','Raven','Rana',82180,'tincidunt','nibh','2364 Tellus. St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10029',8576407113,to\_date('14-SEP-88','DD-MON-RR'),'lectus.ante@justo.co.uk','Ifeoma','Zeph','Haviva',73618,'at,','tempus','916-5884 Fusce Ave');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10030',5698328774,to\_date('29-MAY-80','DD-MON-RR'),'Aenean@aliquet.com','Dorian','Giselle','Basil',27168,'amet,','sit','P.O. Box 916, 7093 Auctor St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10031',9949938391,to\_date('20-OCT-69','DD-MON-RR'),'sem.vitae.aliquam@vulputaterisusa.net','Nadine','Nicole','Chandler',43721,'Quisque','Pellentesque','Ap #537-8801 Purus St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10032',3454204086,to\_date('29-AUG-79','DD-MON-RR'),'Proin@eratvolutpatNulla.net','Ralph','Steel','Reece',41766,'erat','Fusce','Ap #248-1897 Rhoncus. Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10033',7748002621,to\_date('04-SEP-89','DD-MON-RR'),'dis@sollicitudincommodo.co.uk','Meghan','Kiayada','Lacota',30560,'tellus','odio.','Ap #598-4352 Arcu Ave');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10034',8767074421,to\_date('01-JUN-84','DD-MON-RR'),'consectetuer.ipsum.nunc@sollicitudina.ca','Sacha','Ivan','Kai',63633,'amet','aliquet','9153 Eleifend Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10035',1306800869,to\_date('23-JUN-81','DD-MON-RR'),'pede.Cum@enimnec.ca','Nolan','Glenna','Karyn',25218,'auctor','consectetuer','5701 Aptent Street');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10036',7167886966,to\_date('26-JUL-87','DD-MON-RR'),'orci.lacus@iaculisenimsit.com','Jin','Kennan','Amy',46434,'dui','richardson','9896 Vel, Av.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10037',7003623683,to\_date('28-JAN-67','DD-MON-RR'),'rutrum.Fusce.dolor@Mauris.ca','Duncan','Isaac','Maxine',12623,'id,','eu,','Ap #538-6334 Ac, St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10038',3457511853,to\_date('14-OCT-81','DD-MON-RR'),'Phasellus@euodiotristique.co.uk','Leilani','Adria','Wanda',27681,'non,','Donec','P.O. Box 809, 3279 Fermentum St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10039',9652459832,to\_date('20-FEB-73','DD-MON-RR'),'Suspendisse.dui@ametfaucibus.org','Wallace','Alexa','Dara',22725,'Morbi','orci,','828-9203 Orci Ave');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10040',9728641383,to\_date('16-JUL-71','DD-MON-RR'),'eu.arcu@at.co.uk','Quon','Tallulah','Molly',44026,'Donec','richardson','8298 Quisque Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10041',3681115888,to\_date('09-JUN-90','DD-MON-RR'),'eu@Integervulputate.com','Armand','Jonah','Dale',91198,'elit','nunc','8642 Donec Road');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10042',3226290638,to\_date('26-MAR-73','DD-MON-RR'),'fermentum@dolor.ca','Paki','Zelda','Eliana',95101,'dictum','convallis','Ap #661-7603 Lorem, Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10043',1016090136,to\_date('20-APR-96','DD-MON-RR'),'Nunc.mauris@etmagnisdis.org','Anastasia','Celeste','Honorato',13072,'Suspendisse','gravida','516-8666 Venenatis Road');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10044',9969865976,to\_date('16-APR-65','DD-MON-RR'),'tempus@utipsum.ca','Deanna','Olivia','Maxine',72423,'molestie.','id','P.O. Box 592, 5274 Et St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10045',4677562313,to\_date('19-JUL-81','DD-MON-RR'),'pede.nec.ante@sitametrisus.com','Kirk','Barclay','Florence',60710,'vel','tempor,','P.O. Box 554, 2212 Nam Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10046',7175959770,to\_date('19-OCT-72','DD-MON-RR'),'aliquet.lobortis@Proinsed.edu','Kasimir','Caesar','Fatima',37971,'vel','mollis','675-9987 Lacus Rd.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10047',1223036001,to\_date('08-AUG-92','DD-MON-RR'),'sem@lorem.net','Debra','Iliana','Samuel',96278,'et','eu,','P.O. Box 243, 3803 Nulla. Avenue');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10048',2763608959,to\_date('13-DEC-94','DD-MON-RR'),'In.nec.orci@et.org','Cooper','Cheyenne','Herman',57133,'urna','tincidunt','Ap #202-7090 Aenean St.');

Insert into PEOPLE (NET\_ID,PHONE\_NUMBER,DOB,EMAIL,LAST\_NAME,MIDDLE\_NAME,FIRST\_NAME,ZIP\_CODE,STATE,CITY,STREET) values ('10049',9093723319,to\_date('23-FEB-81','DD-MON-RR'),'Aliquam.auctor.velit@Suspendissecommodo.ca','Lev','Alyssa','Ginger',94418,'quis,','richardson','P.O. Box 743, 364 Quam. Avenue');

REM INSERTING into EMPLOYEE

SET DEFINE OFF;

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000000,'10000',17852);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000001,'10001',2607);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000002,'10002',4236);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000003,'10003',14823);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000004,'10004',41269);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000005,'10005',2709);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000006,'10006',37053);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000007,'10007',47511);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000008,'10008',23367);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000009,'10009',43910);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000010,'10010',41584);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000011,'10011',21848);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000012,'10012',19166);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000013,'10013',40796);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000014,'10014',15846);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000015,'10015',10950);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000016,'10016',33184);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000017,'10017',30714);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000018,'10018',1640);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000019,'10019',47839);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000020,'10020',17406);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000021,'10021',1465);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000022,'10022',12163);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000023,'10023',39576);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000024,'10024',37825);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000025,'10025',41249);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000027,'10027',5524);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000028,'10028',10254);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000029,'10029',30548);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000030,'10030',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000031,'10031',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000032,'10032',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000033,'10033',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000034,'10034',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000035,'10035',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000036,'10036',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000037,'10037',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000038,'10038',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000039,'10039',1500);

Insert into EMPLOYEE (SSN,NET\_ID,SALARY) values (100000026,'10026',5680);

REM INSERTING into STUDENT

SET DEFINE OFF;

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10031','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10032','se');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10033','acct');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10034','fin');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10035','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10036','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10037','se');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10038','acct');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10039','fin');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10040','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10041','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10042','se');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10043','acct');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10044','fin');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10045','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10046','cs');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10047','se');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10048','acct');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10049','fin');

Insert into STUDENT (NET\_ID,TRACK\_NAME) values ('10030','cs');

REM INSERTING into RA

SET DEFINE OFF;

Insert into RA (NET\_ID) values ('10030');

Insert into RA (NET\_ID) values ('10031');

Insert into RA (NET\_ID) values ('10032');

Insert into RA (NET\_ID) values ('10033');

Insert into RA (NET\_ID) values ('10034');

Insert into RA (NET\_ID) values ('10035');

Insert into RA (NET\_ID) values ('10036');

REM INSERTING into BUILDING

SET DEFINE OFF;

Insert into BUILDING (ABBREVIATION,FULL\_NAME,DEPT\_ABBREVIATION) values ('eecs','eecs building','eecs');

Insert into BUILDING (ABBREVIATION,FULL\_NAME,DEPT\_ABBREVIATION) values ('jindal','naveen jindal building','jindal');

REM INSERTING into ROOM

SET DEFINE OFF;

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1000,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1000,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1001,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1001,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1002,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1002,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1003,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1003,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1004,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1004,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1005,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1005,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1006,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1006,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1007,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1007,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1008,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1008,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1009,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1009,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1010,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1010,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1011,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1011,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1012,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1012,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1013,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1013,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1014,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1014,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1015,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1015,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1016,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1016,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1017,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1017,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1018,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1018,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1019,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1019,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1020,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1020,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1021,'eecs');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1021,'jindal');

Insert into ROOM (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1022,'eecs');

REM INSERTING into LAB

SET DEFINE OFF;

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1012,'eecs','eecslab1');

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1013,'eecs','eecslab2');

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1014,'eecs','eecslab3');

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1012,'jindal','jlab1');

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1013,'jindal','jlab2');

Insert into LAB (ROOM\_NUMBER,BUILDING\_ABBREVIATION,NAME) values (1014,'jindal','jlab3');

REM INSERTING into CLASSROOM

SET DEFINE OFF;

Insert into CLASSROOM (BUILDING\_ABBREVIATION,ROOM\_NUMBER,CAPACITY,COMPUTER\_PASSWORD) values ('eecs',1010,80,'eecs1010');

Insert into CLASSROOM (BUILDING\_ABBREVIATION,ROOM\_NUMBER,CAPACITY,COMPUTER\_PASSWORD) values ('jindal',1010,60,'jindal1010');

Insert into CLASSROOM (BUILDING\_ABBREVIATION,ROOM\_NUMBER,CAPACITY,COMPUTER\_PASSWORD) values ('eecs',1011,250,'eecs1011');

Insert into CLASSROOM (BUILDING\_ABBREVIATION,ROOM\_NUMBER,CAPACITY,COMPUTER\_PASSWORD) values ('jindal',1011,120,'jindal1011');

REM INSERTING into OFFICE

SET DEFINE OFF;

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1000,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1000,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1001,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1001,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1002,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1002,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1003,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1003,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1004,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1004,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1005,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1005,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1006,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1006,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1007,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1007,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1008,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1008,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1009,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1009,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1015,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1015,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1016,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1016,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1017,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1017,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1018,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1018,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1019,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1019,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1020,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1020,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1021,'eecs');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1021,'jindal');

Insert into OFFICE (ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (1022,'eecs');

REM INSERTING into TA

SET DEFINE OFF;

Insert into TA (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10035',1020,'eecs',29.78);

Insert into TA (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10036',1021,'eecs',24.5);

Insert into TA (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10037',1022,'eecs',31.39);

Insert into TA (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10038',1020,'jindal',28.5);

Insert into TA (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10039',1021,'jindal',27.73);

REM INSERTING into PROFESSOR

SET DEFINE OFF;

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10000','full',1000,'eecs',32.16);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10001','full',1001,'eecs',35.04);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10002','full',1000,'jindal',24.24);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10003','full',1001,'jindal',31.33);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10004','associate',1002,'eecs',23.92);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10005','associate',1003,'eecs',28.66);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10006','associate',1002,'jindal',26.02);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10007','associate',1003,'jindal',27.67);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10008','associate',1004,'eecs',37.44);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10009','associate',1004,'jindal',33.84);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10010','associate',1005,'eecs',33.58);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10011','assistant',1005,'jindal',22.4);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10012','assistant',1006,'eecs',21.29);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10013','assistant',1006,'jindal',33.32);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10014','assistant',1007,'eecs',20.41);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10015','assistant',1007,'jindal',35.18);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10016','assistant',1008,'eecs',33.96);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10017','assistant',1008,'jindal',39.7);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10018','assistant',1009,'eecs',37.81);

Insert into PROFESSOR (NET\_ID,RANK,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10019','assistant',1009,'jindal',27.2);

REM INSERTING into LECTURER

SET DEFINE OFF;

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10020',1015,'eecs',31.05);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10021',1016,'eecs',30.34);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10022',1017,'eecs',38.24);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10023',1018,'eecs',20.21);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10024',1019,'eecs',22.65);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10025',1015,'jindal',35.55);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10026',1016,'jindal',25.68);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10027',1017,'jindal',25.42);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10028',1018,'jindal',38.17);

Insert into LECTURER (NET\_ID,OFFICE\_ROOMNUMBER,OFFICE\_BUILDING\_ABBREVIATION,OFFICE\_HOUR) values ('10029',1019,'jindal',32.87);

REM INSERTING into INSTRUCTOR

SET DEFINE OFF;

Insert into INSTRUCTOR (NET\_ID) values ('10004');

Insert into INSTRUCTOR (NET\_ID) values ('10005');

Insert into INSTRUCTOR (NET\_ID) values ('10006');

Insert into INSTRUCTOR (NET\_ID) values ('10007');

Insert into INSTRUCTOR (NET\_ID) values ('10008');

Insert into INSTRUCTOR (NET\_ID) values ('10009');

Insert into INSTRUCTOR (NET\_ID) values ('10010');

Insert into INSTRUCTOR (NET\_ID) values ('10011');

Insert into INSTRUCTOR (NET\_ID) values ('10012');

Insert into INSTRUCTOR (NET\_ID) values ('10013');

Insert into INSTRUCTOR (NET\_ID) values ('10014');

Insert into INSTRUCTOR (NET\_ID) values ('10015');

Insert into INSTRUCTOR (NET\_ID) values ('10016');

Insert into INSTRUCTOR (NET\_ID) values ('10017');

Insert into INSTRUCTOR (NET\_ID) values ('10018');

Insert into INSTRUCTOR (NET\_ID) values ('10019');

Insert into INSTRUCTOR (NET\_ID) values ('10020');

Insert into INSTRUCTOR (NET\_ID) values ('10021');

Insert into INSTRUCTOR (NET\_ID) values ('10022');

Insert into INSTRUCTOR (NET\_ID) values ('10023');

Insert into INSTRUCTOR (NET\_ID) values ('10024');

Insert into INSTRUCTOR (NET\_ID) values ('10025');

Insert into INSTRUCTOR (NET\_ID) values ('10026');

Insert into INSTRUCTOR (NET\_ID) values ('10027');

Insert into INSTRUCTOR (NET\_ID) values ('10028');

Insert into INSTRUCTOR (NET\_ID) values ('10029');

REM INSERTING into HIRE

SET DEFINE OFF;

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10000');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10001');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10004');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10005');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10008');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10010');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10012');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10014');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10016');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10018');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10020');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10021');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10022');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10023');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10024');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10030');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10031');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10032');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10035');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10036');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('eecs','10037');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10002');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10003');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10006');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10007');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10009');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10011');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10013');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10015');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10017');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10019');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10025');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10026');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10027');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10028');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10029');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10033');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10034');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10038');

Insert into HIRE (DEPT\_ABBREVIATION,NET\_ID) values ('jindal','10039');

REM INSERTING into TRACK

SET DEFINE OFF;

Insert into TRACK (NAME,DEPT\_ABBREVIATION) values ('cs','eecs');

Insert into TRACK (NAME,DEPT\_ABBREVIATION) values ('se','eecs');

Insert into TRACK (NAME,DEPT\_ABBREVIATION) values ('fin','jindal');

Insert into TRACK (NAME,DEPT\_ABBREVIATION) values ('acct','jindal');

REM INSERTING into COURSE

SET DEFINE OFF;

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1000,'CS1',3,'eecs');

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1001,'CS2',3,'eecs');

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1002,'CS3',3,'eecs');

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1003,'Management I',3,'jindal');

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1004,'Management II',3,'jindal');

Insert into COURSE (COURSE\_NUMBER,NAME,CREDIT\_HOUR,DEPT\_ABBREVIATION) values (1005,'Management III',3,'jindal');

REM INSERTING into COURSE\_TEXTBOOK

SET DEFINE OFF;

Insert into COURSE\_TEXTBOOK (COURSE\_NUMBER,TEXTBOOK) values (1001,'book1');

Insert into COURSE\_TEXTBOOK (COURSE\_NUMBER,TEXTBOOK) values (1001,'book2');

Insert into COURSE\_TEXTBOOK (COURSE\_NUMBER,TEXTBOOK) values (1002,'book2');

Insert into COURSE\_TEXTBOOK (COURSE\_NUMBER,TEXTBOOK) values (1003,'book3');

REM INSERTING into RA\_WORK\_ASSIGNMENT

SET DEFINE OFF;

Insert into RA\_WORK\_ASSIGNMENT (WORKLOAD,PROF\_NET\_ID,RA\_NET\_ID,ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (35.63,'10000','10030',1012,'eecs');

Insert into RA\_WORK\_ASSIGNMENT (WORKLOAD,PROF\_NET\_ID,RA\_NET\_ID,ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (23.92,'10008','10031',1013,'eecs');

Insert into RA\_WORK\_ASSIGNMENT (WORKLOAD,PROF\_NET\_ID,RA\_NET\_ID,ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (39.56,'10012','10032',1014,'eecs');

Insert into RA\_WORK\_ASSIGNMENT (WORKLOAD,PROF\_NET\_ID,RA\_NET\_ID,ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (36.28,'10001','10033',1013,'jindal');

Insert into RA\_WORK\_ASSIGNMENT (WORKLOAD,PROF\_NET\_ID,RA\_NET\_ID,ROOM\_NUMBER,BUILDING\_ABBREVIATION) values (28.35,'10006','10034',1013,'jindal');

REM INSERTING into RUN

SET DEFINE OFF;

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10000','eecs',1012);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10001','eecs',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10002','jindal',1012);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10003','jindal',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10004','eecs',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10005','eecs',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10006','jindal',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10007','jindal',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10008','eecs',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10009','jindal',1013);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10010','eecs',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10011','jindal',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10012','eecs',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10013','jindal',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10014','eecs',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10015','jindal',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10016','eecs',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10017','jindal',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10018','eecs',1014);

Insert into RUN (PROF\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values ('10019','jindal',1014);

REM INSERTING into SECTION

SET DEFINE OFF;

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,1,2014,'fall',90,160,'10004','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,2,2014,'fall',90,60,'10005','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,3,2014,'fall',90,60,'10008','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,1,2014,'spring',90,60,'10010','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,2,2014,'spring',90,60,'10010','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,3,2014,'spring',90,60,'10010','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1000,4,2014,'spring',90,60,'10012','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,1,2014,'fall',90,75,'10014','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,2,2014,'fall',90,75,'10016','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,3,2014,'fall',90,75,'10018','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,1,2014,'spring',90,75,'10020','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,2,2014,'spring',90,75,'10020','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,3,2014,'spring',90,75,'10020','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1001,4,2014,'spring',90,75,'10021','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1002,1,2014,'fall',90,60,'10022','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1002,2,2014,'fall',90,60,'10023','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1002,3,2014,'fall',90,160,'10024','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1002,1,2014,'spring',90,60,'10023','eecs',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1002,2,2014,'spring',90,60,'10024','eecs',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1003,1,2014,'fall',90,45,'10006','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1003,2,2014,'fall',90,45,'10007','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1003,3,2014,'fall',90,160,'10009','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1003,1,2014,'spring',90,45,'10011','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1003,2,2014,'spring',90,45,'10013','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1004,1,2014,'fall',90,45,'10015','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1004,2,2014,'fall',90,45,'10017','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1004,3,2014,'fall',90,45,'10019','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1004,1,2014,'spring',90,45,'10025','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1004,2,2014,'spring',90,45,'10026','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1005,1,2014,'fall',90,45,'10027','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1005,2,2014,'fall',90,3,'10028','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1005,3,2014,'fall',90,45,'10029','jindal',1010);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1005,1,2014,'spring',90,45,'10028','jindal',1011);

Insert into SECTION (COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,CLASS\_TIME,CAPACITY,INSTRUCTOR\_NET\_ID,BUILDING\_ABBREVIATION,ROOM\_NUMBER) values (1005,2,2014,'spring',90,45,'10029','jindal',1010);

REM INSERTING into SECTION\_HAS\_TA

SET DEFINE OFF;

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10035',1000,1,2014,'fall',22.31);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10036',1000,2,2014,'fall',36.5);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10037',1000,3,2014,'fall',20.91);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10035',1000,1,2014,'spring',23.93);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10036',1000,2,2014,'spring',26.85);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10037',1001,1,2014,'fall',28.91);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10035',1001,2,2014,'fall',33.68);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10036',1001,3,2014,'fall',37.56);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10037',1001,1,2014,'spring',37.32);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10035',1001,2,2014,'spring',26.59);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10036',1002,1,2014,'fall',29.69);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10037',1002,2,2014,'fall',34.89);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10035',1002,3,2014,'fall',31.04);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10036',1002,1,2014,'spring',38.35);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10037',1002,2,2014,'spring',38.91);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1003,1,2014,'fall',20.43);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1003,2,2014,'fall',34.44);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1003,3,2014,'fall',38.62);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1003,1,2014,'spring',30.75);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1003,2,2014,'spring',36.73);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1004,1,2014,'fall',28.48);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1004,2,2014,'fall',34.6);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1004,3,2014,'fall',24.45);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1004,1,2014,'spring',35.87);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1004,2,2014,'spring',29.67);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1005,1,2014,'fall',33.72);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1005,2,2014,'fall',34.67);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1005,3,2014,'fall',35.63);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10039',1005,1,2014,'spring',27.26);

Insert into SECTION\_HAS\_TA (TA\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,WORKLOAD) values ('10038',1005,2,2014,'spring',38.17);

REM INSERTING into STUDENT\_PREREQUISITE

SET DEFINE OFF;

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10030',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10031',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10035',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10036',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10041',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10042',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10045',1000);

Insert into STUDENT\_PREREQUISITE (STUDENT\_NET\_ID,COURSE\_NUMBER) values ('10048',1003);

REM INSERTING into TAKE

SET DEFINE OFF;

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10030',1000,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10031',1000,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10032',1000,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10035',1000,1,2014,'spring',2.04);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10036',1000,2,2014,'spring',2.33);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10037',1001,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10040',1001,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10041',1001,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10042',1001,1,2014,'spring',2.14);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10045',1001,2,2014,'spring',3.33);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10046',1002,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10047',1002,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10030',1002,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10031',1002,1,2014,'spring',3.16);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10032',1002,2,2014,'spring',3.54);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10033',1003,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10034',1003,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10038',1003,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10039',1003,1,2014,'spring',2.89);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10043',1003,2,2014,'spring',2.77);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10044',1004,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10048',1004,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10049',1004,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10033',1004,1,2014,'spring',3.22);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10034',1004,2,2014,'spring',2.41);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10038',1005,1,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10039',1005,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10043',1005,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10044',1005,1,2014,'spring',3.69);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10048',1005,2,2014,'spring',3.27);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10049',1005,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10030',1001,3,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10031',1001,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10034',1005,2,2014,'fall',null);

Insert into TAKE (STUDENT\_NET\_ID,COURSE\_NUMBER,SECTION\_NUMBER,YEAR,SEMESTER,GRADE) values ('10044',1003,1,2014,'fall',null);

REM INSERTING into TRACK\_CORE\_COURSE

SET DEFINE OFF;

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('acct',1003);

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('cs',1000);

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('cs',1001);

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('fin',1004);

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('se',1001);

Insert into TRACK\_CORE\_COURSE (TRACK\_NAME,COURSE\_NUMBER) values ('se',1002);

REM INSERTING into ADVICE

SET DEFINE OFF;

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10000','10030');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10001','10031');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10002','10033');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10003','10034');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10004','10032');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10005','10035');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10006','10038');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10007','10039');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10008','10036');

Insert into ADVICE (PROF\_NET\_ID,STUDENT\_NET\_ID) values ('10010','10037');

ALTER TABLE DEPARTMENT ENABLE CONSTRAINT fk\_department;

ALTER TABLE STUDENT ENABLE CONSTRAINT fk\_student\_2;