**Final Script**

REM Script: Milestone 2 Final Script

REM Milestone 2 Final Script

REM Script: University Case Study W/Data

REM final script

drop table Campus

;

drop table Club

;

drop table Faculty

;

drop table School

;

drop table Committee

;

drop table Staff

;

drop table Committee\_Lecturer

;

drop table Program

;

drop table Student

;

drop table Courses

;

drop table Class

;

drop table Pre\_Course

;

drop table Course\_Student

;

create table Campus (

campus\_name varchar2(50) constraint campus\_name primary key,

campus\_address varchar2(50) not null,

distance\_in\_mi number(5) not null,

bus\_num number(4) not null

)

;

create table Club (

club\_name varchar2(50) not null constraint club\_name primary key,

campus\_name varchar2(50) not null,

building\_name varchar2(10) not null,

club\_phone\_num number(10) not null,

sports varchar2(50) null,

foreign key(campus\_name) references campus(campus\_name)

)

;

create table Faculty (

faculty\_name varchar2(50) not null constraint faculty\_name primary key,

dean\_name varchar2(50) not null,

building\_name varchar2(10) not null

)

;

create table School (

school\_name varchar2(60) not null constraint school\_name primary key,

campus\_name varchar2(60) not null,

faculty\_name varchar2(50) not null,

building\_name varchar2(10) not null,

foreign key(campus\_name) references campus(campus\_name),

foreign key(faculty\_name) references faculty(faculty\_name)

)

;

create table Committee (

committee\_title varchar2(50) not null constraint committee\_title primary key,

faculty\_name varchar2(50) not null,

foreign key(faculty\_name) references faculty(faculty\_name)

)

;

create table Staff (

staff\_id number not null constraint staff\_id primary key,

staff\_fname varchar2(50) not null,

staff\_lname varchar2(50) not null,

staff\_title varchar2(50) not null,

school\_name varchar2(50) not null,

office\_num number null,

supervisor\_id number null,

foreign key(school\_name) references School(school\_name)

)

;

create table Committee\_Lecturer (

committee\_title varchar2(50) not null,

staff\_id number not null,

foreign key(staff\_id) references Staff(staff\_id)

)

;

create table Program (

program\_code varchar2(5) not null constraint program\_code primary key,

program\_name varchar2(50) not null,

program\_lvl varchar2(50) not null,

program\_length number not null,

school\_name varchar2(50) not null,

foreign key(school\_name) references school(school\_name)

)

;

create table Student (

stu\_id number not null constraint stu\_id primary key,

stu\_fname varchar2(50) not null,

stu\_lname varchar2(50) not null,

stu\_DOB date constraint stu\_dob\_nn not null,

program\_code varchar2(5) not null,

year\_enrolled number(4) not null,

foreign key(program\_code) references program(program\_code)

)

;

create table Courses (

course\_code number not null constraint course\_code primary key,

course\_name varchar2(50) not null,

program\_code varchar2(5) not null,

foreign key(program\_code) references program(program\_code)

)

;

create table Class (

class\_id number not null constraint class\_id primary key,

course\_code number not null,

staff\_id number not null,

foreign key(course\_code) references courses(course\_code),

foreign key(staff\_id) references staff(staff\_id)

)

;

create table Pre\_Course (

course\_code number not null,

pre\_course\_code number not null,

foreign key(course\_code) references courses(course\_code)

)

;

create table Course\_Student (

course\_code number not null,

stu\_id number not null,

years\_taken number not null,

semester\_take number not null,

grade number not null,

constraint PK\_course\_student primary key (course\_code, stu\_id)

)

;

INSERT INTO campus VALUES ('The University of Texas at Dallas', '800 W Campbell Rd', 16, 884)

;

INSERT INTO campus VALUES ('The University of Texas at Austin', '110 Inner Campus Dr', 212, 101)

;

INSERT INTO campus VALUES ('The University of Texas at Arlington', '701 S Nedderman Dr', 39, 710)

;

INSERT INTO campus VALUES ('The University of Texas at El Paso', '810 W Rio Dr', 654, 813)

;

INSERT INTO campus VALUES ('The University of Texas at San Antonio', '412 N Sam Rd', 294, 421)

;

INSERT INTO club VALUES ('Chess club', 'The University of Texas at Dallas', 'JSOM', 4698001999, null)

;

INSERT INTO club VALUES ('Dance club', 'The University of Texas at Dallas', 'AC2', 4693291998, null)

;

INSERT INTO club VALUES ('Asian club', 'The University of Texas at Dallas', 'SSC', 4691019822, 'Football')

;

INSERT INTO club VALUES ('MMA club', 'The University of Texas at Dallas', 'AC2', 4691037783, 'mixed martial arts')

;

INSERT INTO club VALUES ('Anime club', 'The University of Texas at Austin', 'UH', 9729302388, 'Badminton')

;

INSERT INTO club VALUES ('African club', 'The University of Texas at Austin', 'ESC', 9722349477, 'Basketball')

;

INSERT INTO club VALUES ('Chess Club','The University of Texas at Arlington', 'LIBR', 2142113452, null)

;

INSERT INTO club VALUES ('Middle Eastern Club','The University of Texas at Arlington', 'SAC', 2142134000, 'cricket')

;

INSERT INTO club VALUES ('Spanish club', 'The University of Texas at El Paso', 'SUH', 8173024537, 'Soccer')

;

INSERT INTO faculty Values('Sciences', 'John Deo', 'SSC')

;

INSERT INTO faculty Values('Management Studies', 'Owen Dwan', 'JSOM')

;

INSERT INTO faculty Values('Art','Mat Sinns', 'ATEC')

;

INSERT INTO faculty Values('Economics','Bucky Barns', 'CBE')

;

INSERT INTO faculty Values('Engineering','Tony Sark', 'ESC')

;

INSERT INTO faculty Values('Law', 'Greg Ford', 'BLC')

;

INSERT INTO school VALUES('School of Natural Sciences and Mathematics', 'The University of Texas at Dallas', 'Sciences', 'ECS')

;

INSERT INTO school VALUES('School of Behavioral and Brain Sciences', 'The University of Texas at Dallas', 'Sciences', 'SSC')

;

INSERT INTO school VALUES('Naveen Jindal School of Management', 'The University of Texas at Dallas', 'Management Studies', 'JSOM')

;

INSERT INTO school VALUES('School of Economic, Political and Policy Sciences', 'The University of Texas at Arlington', 'Economics', 'CBE')

;

INSERT INTO school VALUES('School of Architecture, Arts and Technology', 'The University of Texas at Arlington', 'Art', 'ATEC')

;

INSERT INTO school VALUES('School of Business Law', 'The University of Texas at Austin', 'Law', 'BLC')

;

INSERT INTO school VALUES('School of Engineering', 'The University of Texas at Austin', 'Engineering', 'ESC')

;

INSERT INTO school VALUES('School of Programming and Computer Science', 'The University of Texas at Austin', 'Engineering', 'ESC')

;

INSERT INTO committee VALUES('Planning and Policy Committee', 'Management Studies')

;

INSERT INTO committee VALUES('Health and Sanity Committee', 'Sciences')

;

INSERT INTO committee VALUES('Post Graduate Studies Committee', 'Sciences')

;

INSERT INTO committee VALUES('Fund-raising Committee', 'Art')

;

INSERT INTO committee VALUES('University Safety and Security Committee', 'Engineering')

;

INSERT INTO committee VALUES('University Research Integrity Committee', 'Law')

;

INSERT INTO committee VALUES('Committee on Parking and Transportation', 'Engineering')

;

INSERT INTO committee VALUES('Committee on School Finance', 'Economics')

;

INSERT INTO staff VALUES(180200, 'Bill', 'Nye', 'Advisor', 'School of Behavioral and Brain Sciences', 3.101, null)

;

INSERT INTO staff VALUES(180030, 'Abby', 'Le', 'Lecturer', 'School of Behavioral and Brain Sciences', 3.102, 180200)

;

INSERT INTO staff VALUES(180040, 'Mika', 'Esquil', 'Lecturer', 'School of Behavioral and Brain Sciences', 3.105, 180200)

;

INSERT INTO staff VALUES(170700, 'John', 'Deo', 'Advisor', 'School of Natural Sciences and Mathematics', 3.201, null)

;

INSERT INTO staff VALUES(170050, 'Anna', 'Obrian', 'Lecturer', 'School of Natural Sciences and Mathematics', 3.205, 170700)

;

INSERT INTO staff VALUES(170060, 'Billy', 'Nash', 'Lecturer', 'School of Natural Sciences and Mathematics', 3.212, 170700)

;

INSERT INTO staff VALUES(140800, 'Dawn', 'Owens', 'Advisor', 'Naveen Jindal School of Management', 12.110, null)

;

INSERT INTO staff VALUES(140010, 'Eric', 'Williams', 'Lecturer', 'Naveen Jindal School of Management', 12.114, 140800)

;

INSERT INTO staff VALUES(140060, 'Bruce', 'Smith', 'Lecturer', 'Naveen Jindal School of Management', 12.125, 140800)

;

INSERT INTO staff VALUES(140070, 'Ellie', 'Mason', 'Lecturer', 'Naveen Jindal School of Management', 12.126, 140800)

;

INSERT INTO staff VALUES (210200, 'Bucky', 'Barns', 'Advisor', 'School of Economic, Political and Policy Sciences', 2.211, null)

;

INSERT INTO staff VALUES (210070, 'Angela', 'Lee', 'Lecturer', 'School of Economic, Political and Policy Sciences', 2.213, 210200)

;

INSERT INTO staff VALUES (210080, 'Tina', 'Brown', 'Lecturer', 'School of Economic, Political and Policy Sciences', 2.213, 210200)

;

INSERT INTO staff VALUES (220300, 'Mat', 'Sinns', 'Advisor', 'School of Architecture, Arts and Technology', 1.222, null)

;

INSERT INTO staff VALUES (220010, 'Ann', 'Win', 'Lecturer', 'School of Architecture, Arts and Technology', 1.223, 220300)

;

INSERT INTO staff VALUES (220040, 'Ryan', 'Krow', 'Lecturer', 'School of Architecture, Arts and Technology', 1.224, 220300)

;

INSERT INTO staff VALUES (310200, 'Greg', 'Ford', 'Advisor', 'School of Business Law', 4.110, null)

;

INSERT INTO staff VALUES (310090, 'Andrew', 'Lang', 'Lecturer', 'School of Business Law', 4.111, 310200)

;

INSERT INTO staff VALUES (310093, 'Mary', 'Jane', 'Lecturer', 'School of Business Law', 4.112, 310200)

;

INSERT INTO staff VALUES (320700, 'Tony', 'Sark', 'Advisor', 'School of Engineering', 10.102, null)

;

INSERT INTO staff VALUES (320010, 'Bruce', 'Wayne', 'Lecturer', 'School of Engineering', 10.103, 320700)

;

INSERT INTO staff VALUES (320020, 'Elon', 'Musk', 'Lecturer', 'School of Engineering', 10.104, 320700)

;

INSERT INTO staff VALUES (330600, 'Mark', 'Berg', 'Advisor', 'School of Programming and Computer Science', 4.310, null)

;

INSERT INTO staff VALUES (330060, 'Jack', 'Will', 'Lecturer', 'School of Programming and Computer Science', 4.311, 330600)

;

INSERT INTO staff VALUES (330090, 'Josh', 'Yu', 'Lecturer', 'School of Programming and Computer Science', 4.319, 330600)

;

INSERT INTO Committee\_lecturer Values ('Planning and Policy Committee', 140010)

;

INSERT INTO Committee\_lecturer Values ('Planning and Policy Committee', 140060)

;

INSERT INTO Committee\_lecturer Values ('Planning and Policy Committee', 140070)

;

INSERT INTO Committee\_lecturer Values ('Health and Sanity Committee', 180040)

;

INSERT INTO Committee\_lecturer Values ('Health and Sanity Committee', 170050)

;

INSERT INTO Committee\_lecturer Values ('Health and Sanity Committee', 170060)

;

INSERT INTO Committee\_lecturer Values ('Fund-raising Committee', 220040)

;

INSERT INTO Committee\_lecturer Values ('Committee on School Finance', 210070)

;

INSERT INTO Committee\_lecturer Values ('Committee on School Finance', 210080)

;

INSERT INTO Committee\_lecturer Values ('University Research Integrity Committee', 310090)

;

INSERT INTO Committee\_lecturer Values ('University Research Integrity Committee', 310093)

;

INSERT INTO Committee\_lecturer Values ('University Safety and Security Committee', 320020)

;

INSERT INTO Committee\_lecturer Values ('Committee on Parking and Transportation', 330090)

;

INSERT INTO Committee\_lecturer Values ('Committee on Parking and Transportation', 320010)

;

INSERT INTO Program VALUES ('ITS', 'Information Technology and Systems', 'Bachelors Degree', 4, 'Naveen Jindal School of Management')

;

INSERT INTO Program VALUES ('FIN', 'Business Finance', 'Bachelors Degree', 4, 'Naveen Jindal School of Management')

;

INSERT INTO Program VALUES ('BIO', 'Biochemistry', 'Bachelors Degree', 4, 'School of Natural Sciences and Mathematics')

;

INSERT INTO Program VALUES ('HLTH','Healthcare Studies' ,'Bachelors Degree', 4, 'School of Behavioral and Brain Sciences')

;

INSERT INTO Program VALUES ('ECON','Economics', 'Bachelors Degree' ,4 , 'School of Economic, Political and Policy Sciences')

;

INSERT INTO Program VALUES ('VPA','Visual and Performing Arts', 'Bachelors Degree', 4, 'School of Architecture, Arts and Technology')

;

INSERT INTO Program VALUES ('LLM', 'Masters of law', 'Masters Degree', 4, 'School of Business Law')

;

INSERT INTO Program VALUES ('LLB', 'Bachelors of law', 'Bachelors Degree', 4, 'School of Business Law')

;

INSERT INTO Program VALUES ('MECH', 'Mechanical Engineering', 'Bachelors Degree', 4, 'School of Engineering')

;

INSERT INTO Program VALUES ('ELEC', 'Electrical Engineering', 'Bachelors Degree', 4, 'School of Engineering')

;

INSERT INTO Program VALUES ('CS', 'Computer Science', 'Bachelors Degree', 4, 'School of Programming and Computer Science')

;

Alter Session set nls\_date\_format = 'mm-dd-yyyy'

;

INSERT INTO student VALUES(160008, 'Isaiah', 'Clark', '10-15-1998', 'FIN', 2020)

;

INSERT INTO student VALUES(160009, 'Tommy', 'Jensen', '11-28-1999', 'BIO', 2018)

;

INSERT INTO student VALUES(160010, 'Sarah', 'Harrell', '12-19-1998', 'HLTH', 2022)

;

INSERT INTO student VALUES(160011, 'Brandon', 'Sung', '03-26-1997', 'ITS', 2021)

;

INSERT INTO student VALUES(160012, 'George', 'Jacobs', '02-28-2001', 'ECON', 2005)

;

INSERT INTO student VALUES(160013, 'Kylie', 'Davids', '05-28-2001', 'VPA', 2007)

;

INSERT INTO student VALUES(160014, 'Sam', 'Harrington', '08-10-2001', 'LLM', 2019)

;

INSERT INTO student VALUES(160015, 'Ben', 'Driscole', '12-18-1999', 'LLB', 2020)

;

INSERT INTO student VALUES(160016, 'Nancy', 'Driscole', '12-18-1999', 'MECH', 2020)

;

INSERT INTO student VALUES(160017, 'Sean', 'Jackson', '12-18-1999', 'ELEC', 2021)

;

INSERT INTO student VALUES(160018, 'Matt', 'Door', '12-18-1999', 'BIO', 2022)

;

INSERT INTO student VALUES(160019, 'Alexis', 'Cole', '12-18-1999', 'HLTH', 2019)

;

Insert INTO Courses VALUES (4380, 'Biology', 'BIO')

;

Insert INTO Courses VALUES (4330, 'Intro to Biology', 'BIO')

;

Insert INTO Courses VALUES (2395, 'Intro to Healthcare management', 'HLTH')

;

Insert INTO Courses VALUES (4395, 'Advanced Healthcare Management', 'HLTH')

;

Insert INTO Courses VALUES (3360, 'Intro to Java', 'CS')

;

Insert INTO Courses VALUES (4360, 'Object Oriented Programming', 'CS')

;

Insert INTO Courses VALUES (2300, 'Economics', 'ECON')

;

Insert INTO Courses VALUES (3320, 'Macro Economics', 'ECON')

;

Insert INTO Courses VALUES (1100, 'Photography and Photoshop', 'VPA')

;

Insert INTO Courses VALUES (2200, 'Video Photography', 'VPA')

;

Insert INTO Courses VALUES (2301, 'Basics of law', 'LLB')

;

Insert INTO Courses VALUES (4890, 'Criminal Law', 'LLM')

;

Insert INTO Courses VALUES (3100, 'Intro to power BI', 'MECH')

;

Insert INTO Courses VALUES (4302, 'Advanced AutoCad', 'MECH')

;

Insert INTO Courses VALUES (3101, 'Electromagnetic Physics', 'ELEC')

;

Insert INTO Courses VALUES (4530, 'Advanced Circuits', 'ELEC')

;

Insert INTO Class VALUES (001, 4360, 330060)

;

Insert INTO Class VALUES (002, 3360, 330060)

;

Insert INTO Class VALUES (102, 2300, 210070)

;

Insert INTO Class VALUES (502, 4380, 180200)

;

Insert INTO Class VALUES (603, 4890, 310093)

;

Insert INTO Pre\_Course VALUES (4380, 4330)

;

Insert INTO Pre\_Course VALUES (4395, 2395)

;

Insert INTO Pre\_Course VALUES (4380, 4330)

;

Insert INTO Pre\_Course VALUES (4360, 3360)

;

Insert INTO Pre\_Course VALUES (4530, 3101)

;

Insert INTO Pre\_Course VALUES (4302, 3100)

;