mysql --local-infile=1 -u root -p

Create database CentralizedResearchInformation

use CentralizedResearchInformation

//Solve later

Foreign key (ProfessorID) references Professor (ProfessorID) on delete cascade,

Foreign key (Title) references research(Title) on delete cascade

//

CREATE TABLE Department(

  DepartmentID INT NOT NULL,

  DepartmentName Varchar(50),

  NoOfResearch INT,

  NoOfCitations INT,

  Primary key (DepartmentID)

);

create table Professor(

ProfessorID INT NOT NULL,

DepartmentID INT NOT NULL,

FirstName Varchar(50),

MI char,

LastName Varchar(50),

Email varchar(50),

Primary key (ProfessorID),

Foreign key (DepartmentID) references Department(DepartmentID) on delete cascade

);

create table research(

  Title varchar(250),

  No\_of\_researchers int,

  Vacancy int,

  Funding double(12,2),

  StartDate date,

  EndDate date,

  Contact\_email varchar(40),

  Contact\_position text,

  primary key(Title)

);

create table Works\_on(

  ProfessorID int,

  Title varchar(250),

  PRIMARY key(ProfessorID,Title)

);

Create table In\_department(

  DepartmentID int,

  Title varchar(250),

  Citation\_no INT,

  PRIMARY key(DepartmentID, Title) ,

Foreign key (DepartmentID) references Department(DepartmentID) on delete cascade,

Foreign key (Title) references research(Title) on delete cascade

);

create table Research\_field(

  Title varchar(250),

  Field varchar(256),

  PRIMARY key (Title, Field),

Foreign key (Title) references research(Title) on delete cascade

);

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/Department.csv' INTO TABLE department FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (DepartmentID, DepartmentName, NoOfResearch, NoOfCitations);

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/Professor.csv' INTO TABLE professor FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (ProfessorID, DepartmentID, FirstName, MI, LastName, Email);

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/Research.csv' INTO TABLE research FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (Title,No\_of\_researchers, Vacancy, Funding, @startDate,@endDate, Contact\_email, Contact\_position)

Set StartDate = STR\_TO\_DATE(@startDate, '%m/%d/%y'),EndDate = STR\_TO\_DATE(@endDate, '%m/%d/%y');

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/Works\_on.csv' INTO TABLE Works\_on FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (ProfessorID, Title);

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/In\_department.csv' INTO TABLE In\_department FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (DepartmentID, Title, Citation\_no);

LOAD DATA LOCAL INFILE '/Users/amanshrestha/UoR/Spring\_2020/CSC\_261/projectmilestone3/Research\_field.csv' INTO TABLE Research\_field FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 ROWS (Title, Field);