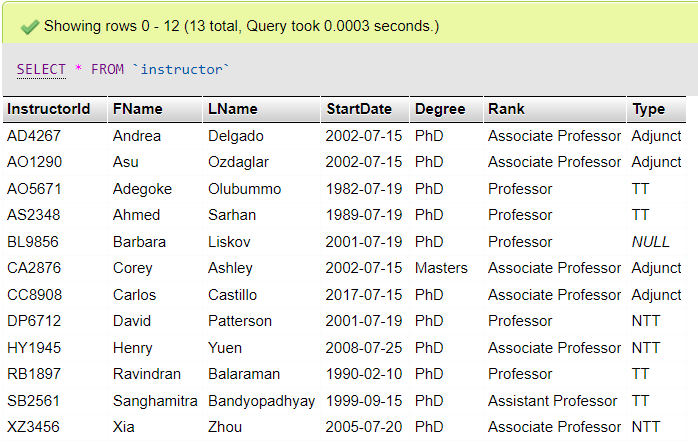
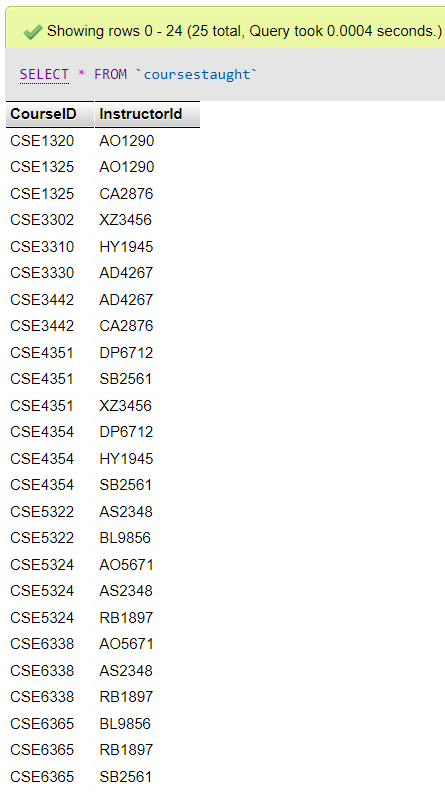
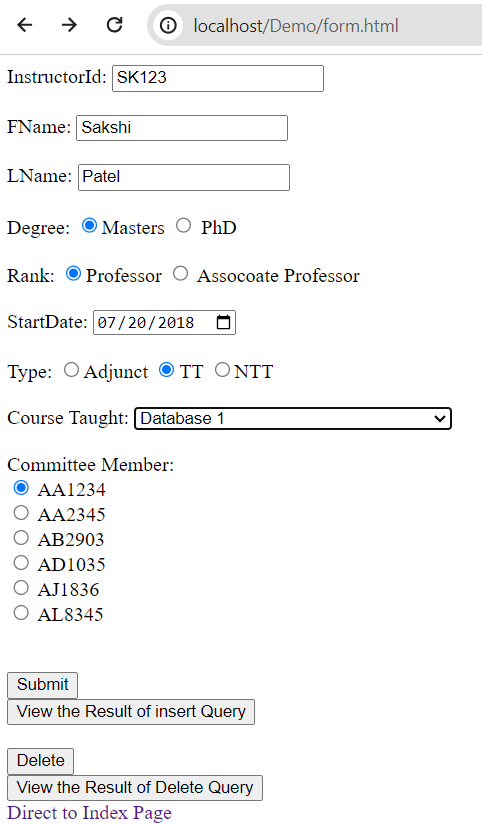
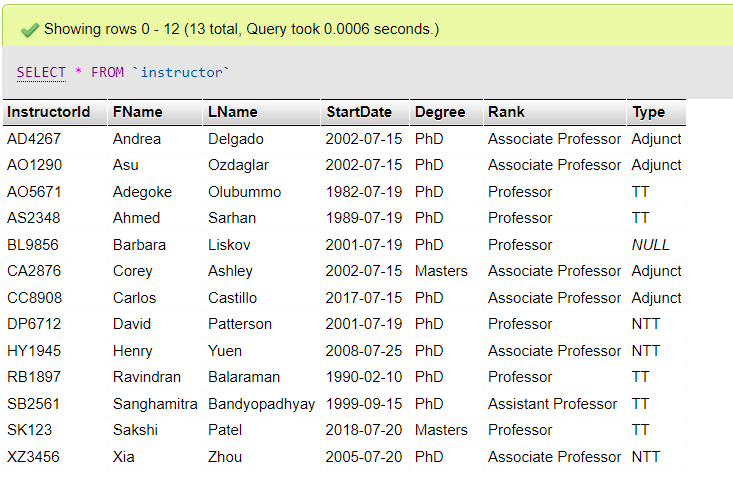
Instructor Table:



Coursetaught Table:  






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Q1. Insert a new instructor in the database. Your query should insert values for all attributes.

INSERT INTO INSTRUCTOR(InstructorId, FName, LName, StartDate, Degree, Rank, Type) VALUES ($InstructorId, $FName, $LName, $StartDate, $Degree, $Rank, $Type)  
Q2. In the Instructor table. Link the new instructor with an existing course and also add the  
instructor to a student’s committee.

INSERT INTO coursestaught (coursestaught.CourseID,coursestaught.InstructorId)VALUES($courseID,$InstructorId);

INSERT INTO phdcommittee(phdcommittee.StudentId,phdcommittee.InstructorId)VALUES($StudentId,$InstructorId);  
Q3. Delete a GRA student who has not passed any milestone yet (to avoid integrity constraint). Your query should also reflect changes in the PhD student table.  
delete from phdstudent where StudentId in(select gra.StudentId from gra where gra.StudentId not in (select DISTINCT(milestonespassed.StudentId) from milestonespassed));

delete from gra where StudentId in(select gra.StudentId from gra where gra.StudentId not in (select DISTINCT(milestonespassed.StudentId) from milestonespassed));

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A screen shot of a computer

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A screenshot of a computer program

Description automatically generated

A close-up of a computer screen

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

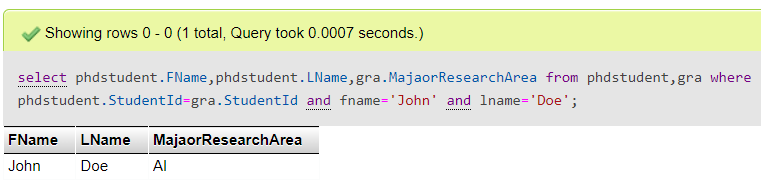
//[A]select phdstudent.StudentId,phdstudent.FName,phdstudent.LName,gra.MajaorResearchArea from phdstudent,gra WHERE phdstudent.StudentId=gra.StudentId;

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Description automatically generated

//[B]select phdstudent.FName,phdstudent.LName,gra.MajaorResearchArea from phdstudent,gra where phdstudent.StudentId=gra.StudentId and fname='John' and lname='Doe';

//[C]select phdstudent.FName, phdstudent.LName,gra.MajaorResearchArea from phdstudent,gra where phdstudent.StudentId=gra.StudentId and (gra.MajaorResearchArea='Cyber' or gra.MajaorResearchArea='AI');



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CREATE VIEW STUDENT\_RESEARCH\_INFO(StId, StFName, StLName, ResearchArea) AS SELECT PHDSTUDENT.StudentId, PHDSTUDENT.FName, PHDSTUDENT.LName, GRA.MajaorResearchArea FROM PHDSTUDENT, GRA WHERE phdstudent.StudentId=GRA.StudentId;