CSE 3330

Project 1 Phase 2

Submitted by-
Suyash Ghimire 1001529962
Donna Safaddin 1001417235

Date:
04/08/2020

Submitted to-
Prof. Bhanu Jain

HONOR CODE

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.
I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

Suyash

Donna Safaddin

CSE 3330

Project 1 Phase 2

Submitted by-
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Part 1 :

Creating Tables

1. INSTRUCTOR

```
DROP TABLE IF EXISTS `INSTRUCTOR`;

CREATE TABLE `INSTRUCTOR`(

        `InstructorId` VARCHAR(10) NOT NULL,

        `FName` VARCHAR(15) NOT NULL,

        `LName` VARCHAR(15) NOT NULL,

        `SartDate` DATE,

        `Degree` VARCHAR(15),

        `Rank` VARCHAR(20),

        `Type` VARCHAR(20),

 PRIMARY KEY(InstructorId)

        );
```

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2. TT

```
DROP TABLE IF EXISTS `TT`;

CREATE TABLE `TT`(

   `InstructorId` VARCHAR(10)  NOT NULL,

   `NoOfPhDStudents` INT,

PRIMARY KEY(InstructorId),

 FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId)

          );
```

3. PHDSTUDENT

```
DROP TABLE IF EXISTS `PHDSTUDENT`;

CREATE TABLE `PHDSTUDENT`(

          `StudentId` VARCHAR(10) NOT NULL,

          `FName` VARCHAR(15) NOT NULL,

          `LName` VARCHAR(15) NOT NULL,

          `StSem` VARCHAR(8),
```

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```
        `StYear` CHAR(4),

        `Supervisor` VARCHAR(10),

PRIMARY KEY(`StudentId`)

        );
```

4. GTA

```
DROP TABLE IF EXISTS `GTA`;

CREATE TABLE `GTA`(

        `SectionId` VARCHAR(15),

        `MonthlyPay` DECIMAL(10,2),

        `StudentId` VARCHAR(10) NOT NULL,

PRIMARY KEY(StudentId),

FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId)

        );
```

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5. GRA

```
DROP TABLE IF EXISTS `GRA`;

CREATE TABLE `GRA`(

        `StudentId` VARCHAR(10) NOT NULL,

        `Funding` VARCHAR(10),

        `MonthlyPay` DECIMAL(10,2),

 PRIMARY KEY(StudentId),

 FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId)

        );
```

6. SELFSUPPORT

```
DROP TABLE IF EXISTS `SELFSUPPORT`;

CREATE TABLE `SELFSUPPORT`(

        `StudentId` VARCHAR(10) NOT NULL,

        PRIMARY KEY(StudentId),

        FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId)

        );
```

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7. SCHOLARSHIPSUPPORT

```
DROP TABLE IF EXISTS `SCHOLARSHIPSUPPORT`;

CREATE TABLE `SCHOLARSHIPSUPPORT`(

        `StudentId` VARCHAR(10) NOT NULL,

        `Type` VARCHAR(20),

        `Source` VARCHAR(20),

 PRIMARY KEY(StudentId),

 FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId)

);
```

8. COURSE

```
DROP TABLE IF EXISTS `COURSE`;

CREATE TABLE `COURSE`(

        `CourseID` VARCHAR(10) NOT NULL,

        `CName` VARCHAR(50),

PRIMARY KEY(CourseID)

        );
```

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9. SECTION

```
DROP TABLE IF EXISTS `SECTION`;

CREATE TABLE `SECTION`(

        `SectionId` VARCHAR(15) NOT NULL,

        `CourseID` VARCHAR(10) NOT NULL,

PRIMARY KEY(SectionId),

FOREIGN KEY(CourseID) REFERENCES course(CourseID)

);
```

10. COURSESTAUGHT

```
DROP TABLE IF EXISTS `COURSESTAUGHT`;

CREATE TABLE `COURSESTAUGHT`(

        `CourseID` VARCHAR(10) NOT NULL,

        `InstructorId` VARCHAR(10) NOT NULL,

PRIMARY KEY(CourseID, InstructorId),

FOREIGN KEY(CourseID) REFERENCES course(CourseID),
```

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```
FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId)

);
```

11. MILESTONE

```
DROP TABLE IF EXISTS `MILESTONE`;

CREATE TABLE `MILESTONE`(

  `MId` VARCHAR(5) NOT NULL,

  `MName` VARCHAR(30),

   PRIMARY KEY(MId)

   );
```

12. MILESTONESPASSED

```
DROP TABLE IF EXISTS `MILESTONESPASSED`;

CREATE TABLE `MILESTONESPASSED`(

  `StudentId` VARCHAR(10) NOT NULL,

  `MId` VARCHAR(5) NOT NULL,
```

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```
`PassDate` DATE,
 PRIMARY KEY(StudentId, MId),
 FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId),
 FOREIGN KEY(MId) REFERENCES milestone(MId)
 );
```

13. GRANTS

```
DROP TABLE IF EXISTS `GRANTS`;
CREATE TABLE `GRANTS`(
    `AccountNo`  VARCHAR(5) NOT NULL,
    `Type` VARCHAR(20),
    `GrantTitle` VARCHAR(30),
    `Source` VARCHAR(35),
    `StDate` DATE,
    `EndDate` DATE,
    `StAmount` DECIMAL(10,2),
```

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```
    `CurrBalance` DECIMAL(10,2),

PRIMARY KEY (AccountNo)

 );
```

14. GRANTSASSOCIATED

```
DROP TABLE IF EXISTS `GRANTSASSOCIATED`;

CREATE TABLE `GRANTSASSOCIATED`(

    `AccountNo` VARCHAR(5) NOT NULL,

    `InstructorID` VARCHAR(10) NOT NULL,

    `InstrType` VARCHAR(5),

PRIMARY KEY(AccountNo, InstructorId),

FOREIGN KEY(AccountNo) REFERENCES GRANTS(AccountNo),

FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId)

);
```

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15. PHDCOMMITTEE

```
DROP TABLE IF EXISTS `PHDCOMMITTEE`;

CREATE TABLE `PHDCOMMITTEE`(

        `StudentId` VARCHAR(10) NOT NULL,

        `InstructorId` VARCHAR(10) NOT NULL,

 PRIMARY KEY(StudentId, InstructorId),

 FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId),

 FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId)

 );
```

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Print Screens for Creating Empty Tables

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0154 seconds.)

```
CREATE TABLE `INSTRUCTOR`( `InstructorId` VARCHAR(10) NOT NULL, `FName` VARCHAR(15) NOT NULL, `LName` VARCHAR(15) NOT NULL,
`SartDate` DATE, `Degree` VARCHAR(15), `Rank` VARCHAR(20), `Type` VARCHAR(20), PRIMARY KEY(InstructorId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0177 seconds.)

```
CREATE TABLE `TT`( `InstructorId` VARCHAR(10) NOT NULL, `NoOfPhDStudents` INT, PRIMARY KEY(InstructorId), FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0167 seconds.)

```
CREATE TABLE `PHDSTUDENT`( `StudentId` VARCHAR(10) NOT NULL, `FName` VARCHAR(15) NOT NULL, `LName` VARCHAR(15) NOT NULL, `StSem` VARCHAR(8), `StYear` CHAR(4), `Supervisor`
VARCHAR(10), PRIMARY KEY(`StudentId`) )
```

[Edit inline] [Edit] [Create PHP code]

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0215 seconds.)

```
CREATE TABLE `GTA`( `SectionId` VARCHAR(15), `MonthlyPay` DECIMAL(10,2), `StudentId` VARCHAR(10) NOT NULL, PRIMARY KEY(StudentId), FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId) )
```

[Edit inline] [Edit] [Create PHP code]

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0211 seconds.)

```
CREATE TABLE `GRA`( `StudentId` VARCHAR(10) NOT NULL, `Funding` VARCHAR(10), `MonthlyPay` DECIMAL(10,2), PRIMARY KEY(StudentId), FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0193 seconds.)

```
CREATE TABLE `SELFSUPPORT`( `StudentId` VARCHAR(10) NOT NULL, PRIMARY KEY(StudentId), FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0186 seconds.)

```
CREATE TABLE `SCHOLARSHIPSUPPORT`( `StudentId` VARCHAR(10) NOT NULL, `Type` VARCHAR(20), `Source` VARCHAR(20), PRIMARY KEY(StudentId), FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId) )
```

[Edit inline] [Edit] [Create PHP code]

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MySQL returned an empty result set (i.e. zero rows). (Query took 0.0141 seconds.)

```
CREATE TABLE `COURSE`( `CourseID` VARCHAR(10) NOT NULL, `CName` VARCHAR(50), PRIMARY KEY(CourseID) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0186 seconds.)

```
CREATE TABLE `SECTION`( `SectionId` VARCHAR(15) NOT NULL, `CourseID` VARCHAR(10) NOT NULL, PRIMARY KEY(SectionId), FOREIGN KEY(CourseID) REFERENCES course(CourseID) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0182 seconds.)

```
CREATE TABLE `COURSESTAUGHT`( `CourseID` VARCHAR(10) NOT NULL, `InstructorId` VARCHAR(10) NOT NULL, PRIMARY KEY(CourseID, InstructorId), FOREIGN KEY(CourseID) REFERENCES course(CourseID), FOREIGN
KEY(InstructorId) REFERENCES instructor(InstructorId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0149 seconds.)

```
CREATE TABLE `MILESTONE`( `MId` VARCHAR(5) NOT NULL, `MName` VARCHAR(30), PRIMARY KEY(MId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0165 seconds.)

```
CREATE TABLE `MILESTONESPASSED`( `StudentId` VARCHAR(10) NOT NULL, `MId` VARCHAR(5) NOT NULL, `PassDate` DATE, PRIMARY KEY(StudentId, MId), FOREIGN KEY(StudentId) REFERENCES
phdstudent(StudentId), FOREIGN KEY(MId) REFERENCES milestone(MId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0166 seconds.)

```
CREATE TABLE `GRANTS`( `AccountNo` VARCHAR(5) NOT NULL, `Type` VARCHAR(20), `GrantTitle` VARCHAR(30), `Source` VARCHAR(35), `StDate` DATE, `EndDate` DATE, `StAmount` DECIMAL(10,2), `CurrBalance`
DECIMAL(10,2), PRIMARY KEY (AccountNo) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0171 seconds.)

```
CREATE TABLE `GRANTSASSOCIATED`( `AccountNo` VARCHAR(5) NOT NULL, `InstructorID` VARCHAR(10) NOT NULL, `InstrType` VARCHAR(5), PRIMARY KEY(AccountNo, InstructorId), FOREIGN KEY(AccountNo)
REFERENCES GRANTS(AccountNo), FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId) )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0161 seconds.)

```
CREATE TABLE `PHDCOMMITTEE`( `StudentId` VARCHAR(10) NOT NULL, `InstructorId` VARCHAR(10) NOT NULL, PRIMARY KEY(StudentId, InstructorId), FOREIGN KEY(StudentId) REFERENCES phdstudent(StudentId),
FOREIGN KEY(InstructorId) REFERENCES instructor(InstructorId) )
```

[Edit inline] [Edit] [Create PHP code]

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Print Screens for Tables' Output

Showing rows 0 - 11 (12 total, Query took 0.0031 seconds.)

```
SELECT * FROM `instructor`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	InstructorId	FName	LName	SartDate	Degree	Rank	Type
Edit Copy Delete	AD4267	Andrea	Delgado	2002-07-15	PhD	Associate Professor	Adjunct
Edit Copy Delete	AO1290	Asu	Ozdaglar	2002-07-15	PhD	Associate Professor	Adjunct
Edit Copy Delete	AO5671	Adegoke	Olubummo	1982-07-19	PhD	Professor	TT
Edit Copy Delete	AS2348	Ahmed	Sarhan	1989-07-19	PhD	Professor	TT
Edit Copy Delete	BL9856	Barbara	Liskov	2001-07-19	PhD	Professor	TT
Edit Copy Delete	CA2876	Corey	Ashley	2002-07-15	Masters	Associate Professor	Adjunct
Edit Copy Delete	CC8908	Carlos	Castillo	2017-07-15	PhD	Associate Professor	Adjunct
Edit Copy Delete	DP6712	David	Patterson	2001-07-19	PhD	Professor	NTT
Edit Copy Delete	HY1945	Henry	Yuen	2008-07-25	PhD	Associate Professor	NTT
Edit Copy Delete	RB1897	Ravindran	Balaraman	1990-02-10	PhD	Professor	TT
Edit Copy Delete	SB2561	Sanghamitra	Bandyopadhyay	1999-09-15	PhD	Assistant Professor	TT
Edit Copy Delete	XZ3456	Xia	Zhou	2005-07-20	PhD	Associate Professor	NTT

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

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Showing rows 0 - 4 (5 total, Query took 0.0021 seconds.)

```
SELECT * FROM `TT`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	InstructorId	NoOfPhDStudents
Edit Copy Delete	AO5671	10
Edit Copy Delete	AS2348	20
Edit Copy Delete	BL9856	9
Edit Copy Delete	RB1897	13
Edit Copy Delete	SB2561	21

Check all *With selected:* Edit Copy Delete Export

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Showing rows 0 - 24 (73 total, Query took 0.0022 seconds.)

SELECT * FROM `PHDSTUDENT`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> | Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	StudentId	FName	LName	StSem	StYear	Supervisor
Edit Copy Delete	AA1234	Abimbola	Abioye	Fall	2016	AO5671
Edit Copy Delete	AA2345	Afia	Achebe	Fall	2016	AO5671
Edit Copy Delete	AB2903	Aditya	Bhatt	Fall	2016	AS2348
Edit Copy Delete	AD1035	Ashish	Dwivedi	Fall	2017	RB1897
Edit Copy Delete	AJ1836	Alice	Jones	Fall	2016	AS2348
Edit Copy Delete	AJ1934	Adriana	Johnson	Fall	2016	AO5671
Edit Copy Delete	AK1958	Abdul	Kalam	Fall	2018	BL9856
Edit Copy Delete	AL8345	Alejandro	Lopez	Fall	2016	AO5671
Edit Copy Delete	AM2950	Armand	Martin	Fall	2016	AO5671
Edit Copy Delete	AM8051	Antonio	Martinez	Fall	2016	AS2348
Edit Copy Delete	AP2578	Anastasia	Petrov	Fall	2017	SB2561
Edit Copy Delete	AW1023	Abdurrahman	Wahid	Fall	2017	BL9856
Edit Copy Delete	AY2653	Adarsh	Yadav	Fall	2017	AS2348
Edit Copy Delete	BD5678	Berko	Dogo	Fall	2017	AO5671
Edit Copy Delete	BE1256	Bosede	Eesuola	Fall	2017	AS2348
Edit Copy Delete	BM1745	Ben	Mueller	Fall	2016	RB1897
Edit Copy Delete	CC6716	Chayton	Chavis	Fall	2018	BL9856
Edit Copy Delete	DB1783	Dakota	Benally	Fall	2016	AO5671
Edit Copy Delete	DB6291	Dyani	Begay	Fall	2016	AO5671
Edit Copy Delete	EN4589	Emeka	Nenge	Fall	2018	RB1897
Edit Copy Delete	FE6789	Fumnaya	Egebe	Fall	2017	AS2348
Edit Copy Delete	FK8907	Folami	Kanye	Fall	2017	RB1897
Edit Copy Delete	FS6892	Francisco	Sanchez	Fall	2018	AO5671
Edit Copy Delete	GD1948	Gabriel	Durand	Fall	2017	RB1897
Edit Copy Delete	GM6294	Gabriella	Miller	Fall	2017	RB1897

Console Check all With selected: Edit Copy Delete Export

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Showing rows 0 - 24 (33 total, Query took 0.0030 seconds.)

```
SELECT * FROM `gta` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> | Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	SectionId	MonthlyPay	StudentId
Edit Copy Delete	CSE5322-003	2000.00	AB2903
Edit Copy Delete	CSE3302-001	1500.00	AD1035
Edit Copy Delete	CSE3442-002	1000.00	AK1958
Edit Copy Delete	CSE6338-001	2000.00	AL8345
Edit Copy Delete	CSE6338-002	2000.00	AM8051
Edit Copy Delete	CSE4351-002	1500.00	AY2653
Edit Copy Delete	CSE6365-003	2000.00	DB1783
Edit Copy Delete	CSE6365-002	2000.00	DB6291
Edit Copy Delete	CSE3442-001	1000.00	FS6892
Edit Copy Delete	CSE4354-001	1500.00	JF1092
Edit Copy Delete	CSE5322-001	2000.00	JG1036
Edit Copy Delete	CSE5324-003	2000.00	JG8927
Edit Copy Delete	CSE5324-001	2000.00	JR1930
Edit Copy Delete	CSE6338-003	2000.00	KY4892
Edit Copy Delete	CSE3330-002	1000.00	LM1405
Edit Copy Delete	CSE3330-003	1000.00	MA1234
Edit Copy Delete	CSE5324-002	2000.00	MA1968
Edit Copy Delete	CSE1325-001	1000.00	MG1940
Edit Copy Delete	CSE3302-003	1500.00	ML3902
Edit Copy Delete	CSE6365-001	2000.00	MN2903
Edit Copy Delete	CSE3302-002	1500.00	MP3478
Edit Copy Delete	CSE3310-001	1500.00	NN1629
Edit Copy Delete	CSE3310-002	1500.00	OT8190
Edit Copy Delete	CSE3330-001	1500.00	PG2469
Edit Copy Delete	CSE1320-001	1000.00	PH2091

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Showing rows 0 - 10 (11 total, Query took 0.0033 seconds.)

```
SELECT * FROM `gra` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	StudentId	Funding	MonthlyPay
Edit Copy Delete	AW1023	NIH3	3000.00
Edit Copy Delete	CC6716	DOE1	1000.00
Edit Copy Delete	JP9384	DOT4	3000.00
Edit Copy Delete	KH1029	NIH3	3000.00
Edit Copy Delete	KJ1928	DOT4	1000.00
Edit Copy Delete	LY1049	NSF2	2000.00
Edit Copy Delete	RK1489	NSF2	3000.00
Edit Copy Delete	RY1726	DOT4	2000.00
Edit Copy Delete	WW3847	DOE1	3000.00
Edit Copy Delete	XY2938	DOE1	3000.00
Edit Copy Delete	ZW1029	DOE1	3000.00

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

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Showing rows 0 - 12 (13 total, Query took 0.0023 seconds.)

```
SELECT * FROM `selfsupport` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	StudentId
Edit Copy Delete	AA1234
Edit Copy Delete	AA2345
Edit Copy Delete	AJ1934
Edit Copy Delete	BD5678
Edit Copy Delete	BE1256
Edit Copy Delete	EN4589
Edit Copy Delete	FE6789
Edit Copy Delete	FK8907
Edit Copy Delete	IJ1569
Edit Copy Delete	KO1905
Edit Copy Delete	MS1259
Edit Copy Delete	NZ1278
Edit Copy Delete	VW8930

Check all *With selected:* Edit Copy Delete Export

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Showing rows 0 - 15 (16 total, Query took 0.0027 seconds.)

```
SELECT * FROM `scholarshipsupport` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	StudentId	Type	Source
Edit Copy Delete	AJ1836	STEM	NSF
Edit Copy Delete	AM2950	Maverick	University
Edit Copy Delete	AP2578	Departmental	University
Edit Copy Delete	BM1745	Maverick	University
Edit Copy Delete	GD1948	STEM	NSF
Edit Copy Delete	GM6294	STEM	NSF
Edit Copy Delete	HA2680	Departmental	University
Edit Copy Delete	IS2945	Departmental	University
Edit Copy Delete	JT6936	Maverick	University
Edit Copy Delete	LB2673	Maverick	University
Edit Copy Delete	LF150	Maverick	University
Edit Copy Delete	MI1589	Departmental	University
Edit Copy Delete	NS4289	Maverick	University
Edit Copy Delete	RW9267	STEM	NSF
Edit Copy Delete	SC1894	Departmental	University
Edit Copy Delete	VB1059	STEM	NSF

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

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Showing rows 0 - 12 (13 total, Query took 0.0020 seconds.)

```
SELECT * FROM `course` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		CourseID	CName
Edit	Copy	CSE1310	Introduction to programming
Edit	Copy	CSE1320	Intermediate Programming
Edit	Copy	CSE1325	Object-Oriented Programming
Edit	Copy	CSE3302	Programming Languages
Edit	Copy	CSE3310	Fundamentals of Software Engineering
Edit	Copy	CSE3330	Database 1
Edit	Copy	CSE3442	Embedded Systems
Edit	Copy	CSE4351	Parallel Processing
Edit	Copy	CSE4354	Operating System
Edit	Copy	CSE5322	Software Design
Edit	Copy	CSE5324	Artificial Intelligence
Edit	Copy	CSE6338	Neural Networks
Edit	Copy	CSE6365	Computer Graphics

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

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Showing rows 0 - 24 (33 total, Query took 0.0031 seconds.)

```
SELECT * FROM `section` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 ▼ > >> | Show all | Number of rows: 25 ▼ Filter rows: Search this table Sort by key: None ▼

+ Options

				SectionId	CourseID
Edit	Copy	Delete		CSE1310-001	CSE1310
Edit	Copy	Delete		CSE1320-001	CSE1320
Edit	Copy	Delete		CSE1325-001	CSE1325
Edit	Copy	Delete		CSE3302-001	CSE3302
Edit	Copy	Delete		CSE3302-002	CSE3302
Edit	Copy	Delete		CSE3302-003	CSE3302
Edit	Copy	Delete		CSE3310-001	CSE3310
Edit	Copy	Delete		CSE3310-002	CSE3310
Edit	Copy	Delete		CSE3310-003	CSE3310
Edit	Copy	Delete		CSE3330-001	CSE3330
Edit	Copy	Delete		CSE3330-002	CSE3330
Edit	Copy	Delete		CSE3330-003	CSE3330
Edit	Copy	Delete		CSE3442-001	CSE3442
Edit	Copy	Delete		CSE3442-002	CSE3442
Edit	Copy	Delete		CSE3442-003	CSE3442
Edit	Copy	Delete		CSE4351-001	CSE4351
Edit	Copy	Delete		CSE4351-002	CSE4351
Edit	Copy	Delete		CSE4351-003	CSE4351
Edit	Copy	Delete		CSE4354-001	CSE4354
Edit	Copy	Delete		CSE4354-002	CSE4354
Edit	Copy	Delete		CSE4354-003	CSE4354
Edit	Copy	Delete		CSE5322-001	CSE5322
Edit	Copy	Delete		CSE5322-002	CSE5322
Edit	Copy	Delete		CSE5322-003	CSE5322
Edit	Copy	Delete		CSE5324-001	CSE5324

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Donna Safaddin 1001417235

Date:
04/08/2020

Submitted to-
Prof. Bhanu Jain

Showing rows 0 - 24 (25 total, Query took 0.0023 seconds.)

```
SELECT * FROM `coursestaught` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

←T→	CourseID	InstructorId
Edit Copy Delete	CSE1320	AO1290
Edit Copy Delete	CSE1325	AO1290
Edit Copy Delete	CSE1325	CA2876
Edit Copy Delete	CSE3302	XZ3456
Edit Copy Delete	CSE3310	HY1945
Edit Copy Delete	CSE3330	AD4267
Edit Copy Delete	CSE3442	AD4267
Edit Copy Delete	CSE3442	CA2876
Edit Copy Delete	CSE4351	DP6712
Edit Copy Delete	CSE4351	SB2561
Edit Copy Delete	CSE4351	XZ3456
Edit Copy Delete	CSE4354	DP6712
Edit Copy Delete	CSE4354	HY1945
Edit Copy Delete	CSE4354	SB2561
Edit Copy Delete	CSE5322	AS2348
Edit Copy Delete	CSE5322	BL9856
Edit Copy Delete	CSE5324	AO5671
Edit Copy Delete	CSE5324	AS2348
Edit Copy Delete	CSE5324	RB1897
Edit Copy Delete	CSE6338	AO5671
Edit Copy Delete	CSE6338	AS2348
Edit Copy Delete	CSE6338	RB1897
Edit Copy Delete	CSE6365	BL9856
Edit Copy Delete	CSE6365	RB1897
Edit Copy Delete	CSE6365	SB2561

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Date:
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Showing rows 0 - 4 (5 total, Query took 0.0027 seconds.)

```
SELECT * FROM `milestone` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	MId	MName
Edit Copy Delete	CE	Comprehensive Exam
Edit Copy Delete	CM	Committee Formed
Edit Copy Delete	DE	Diagnostics Evaluation
Edit Copy Delete	DF	Defense
Edit Copy Delete	PR	Proposal

Check all *With selected:* Edit Copy Delete Export

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Date:
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Showing rows 0 - 24 (61 total, Query took 0.0031 seconds.)

```
SELECT * FROM `milestonespassed` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> | Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

←T→	StudentId	MId	PassDate
Edit Copy Delete	AA1234	CM	2016-12-01
Edit Copy Delete	AA2345	CM	2016-12-01
Edit Copy Delete	AB2903	CM	2016-12-05
Edit Copy Delete	AJ1836	CM	2016-12-02
Edit Copy Delete	AJ1934	CM	2016-12-02
Edit Copy Delete	AK1958	CM	2017-12-07
Edit Copy Delete	AL8345	CM	2016-12-05
Edit Copy Delete	AM2950	CM	2016-12-05
Edit Copy Delete	AM8051	CM	2016-12-06
Edit Copy Delete	BD5678	CM	2017-12-07
Edit Copy Delete	BE1256	CM	2017-12-07
Edit Copy Delete	BM1745	CM	2016-12-05
Edit Copy Delete	DB1783	CM	2016-12-07
Edit Copy Delete	DB1783	DE	2017-06-05
Edit Copy Delete	DB6291	CM	2016-12-07
Edit Copy Delete	DB6291	DE	2017-06-06
Edit Copy Delete	EN4589	CM	2018-12-06
Edit Copy Delete	FE6789	CM	2017-12-07
Edit Copy Delete	FK8907	CE	2018-05-07
Edit Copy Delete	FK8907	CM	2017-12-07
Edit Copy Delete	FK8907	DE	2017-12-07
Edit Copy Delete	HA2680	CM	2018-12-08
Edit Copy Delete	IJ1569	CM	2017-12-07
Edit Copy Delete	IJ1569	DE	2017-12-06
Edit Copy Delete	IS2945	CM	2016-12-02

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Date:
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Showing rows 0 - 3 (4 total, Query took 0.0020 seconds.)

```
SELECT * FROM `grants` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	AccountNo	Type	GrantTitle	Source	StDate	EndDate	StAmount	CurrBalance
Edit Copy Delete	DOE1	Educational	GAANN	US Department of Education	2015-01-01	2022-08-30	1500000.00	500000.00
Edit Copy Delete	DOT4	Research	University Transportation	U.S. Department of Transportation	2016-01-01	2021-12-31	1500000.00	400000.00
Edit Copy Delete	NIH3	Research	Resistance to Infections	National Institutes of Health	2018-09-01	2024-08-30	450000.00	375000.00
Edit Copy Delete	NSF2	Research	Undergraduate Experiences	National Science Foundation	2018-09-01	2021-08-30	300000.00	250000.00

Check all *With selected:* Edit Copy Delete Export

Showing rows 0 - 11 (12 total, Query took 0.0027 seconds.)

```
SELECT * FROM `grantsassociated` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	AccountNo	InstructorID	InstrType
Edit Copy Delete	DOE1	AO5671	PI
Edit Copy Delete	DOE1	AS2348	COPI
Edit Copy Delete	DOE1	BL9856	COPI
Edit Copy Delete	DOT4	AO5671	COPI
Edit Copy Delete	DOT4	BL9856	COPI
Edit Copy Delete	DOT4	SB2561	PI
Edit Copy Delete	NIH3	BL9856	COPI
Edit Copy Delete	NIH3	RB1897	PI
Edit Copy Delete	NIH3	SB2561	COPI
Edit Copy Delete	NSF2	AS2348	PI
Edit Copy Delete	NSF2	BL9856	COPI
Edit Copy Delete	NSF2	RB1897	COPI

Check all *With selected:* Edit Copy Delete Export

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Showing rows 0 - 24 (80 total, Query took 0.0019 seconds.)

```
SELECT * FROM `phdcommittee` WHERE 1
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

1 > >> | Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

←T→	StudentId	InstructorId
Edit Copy Delete	AA1234	AS2348
Edit Copy Delete	AA1234	RB1897
Edit Copy Delete	AA2345	BL9856
Edit Copy Delete	AA2345	SB2561
Edit Copy Delete	AB2903	RB1897
Edit Copy Delete	AB2903	SB2561
Edit Copy Delete	AJ1836	BL9856
Edit Copy Delete	AJ1836	SB2561
Edit Copy Delete	AJ1934	AS2348
Edit Copy Delete	AJ1934	RB1897
Edit Copy Delete	AK1958	AO5671
Edit Copy Delete	AK1958	AS2348
Edit Copy Delete	AL8345	AS2348
Edit Copy Delete	AL8345	RB1897
Edit Copy Delete	AM2950	BL9856
Edit Copy Delete	AM2950	SB2561
Edit Copy Delete	AM8051	BL9856
Edit Copy Delete	AM8051	SB2561
Edit Copy Delete	BD5678	RB1897
Edit Copy Delete	BD5678	SB2561
Edit Copy Delete	BE1256	AO5671
Edit Copy Delete	BE1256	RB1897
Edit Copy Delete	BE1256	SB2561
Edit Copy Delete	BM1745	AS2348
Edit Copy Delete	BM1745	BL9856

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Date:
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Part 2 :

1) Creating a view statement

```
CREATE VIEW coursestaught_info AS
SELECT instructor.InstructorId AS `IID`, instructor.FName AS `IFname`,
instructor.LName AS `ILname` , course.CourseID AS `CID`, course.CourseID
AS `CoName`
FROM instructor, coursestaught, course
WHERE coursestaught.InstructorId = instructor.InstructorId AND
coursestaught.CourseID= course.CourseID
```

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0116 seconds.)

```
CREATE VIEW coursestaught_info AS SELECT instructor.InstructorId AS `IID`, instructor.FName AS `IFname`, instructor.LName AS `ILname` , course.CourseID
AS `CID`, course.CName AS `CoName` FROM instructor, coursestaught, course WHERE coursestaught.InstructorId = instructor.InstructorId AND
coursestaught.CourseID= course.CourseID
```

[Edit inline] [Edit] [Create PHP code]

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Date:
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Showing rows 0 - 24 (25 total, Query took 0.0019 seconds.) [CoName: ARTIFICIAL INTELLIGENCE... - SOFTWARE DESIGN...]

```
SELECT * FROM `coursestaught_info` ORDER BY `CoName` ASC
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: All Filter rows: Search this table

+ Options

	IID	IFname	ILname	CID	CoName 1
Edit Copy Delete	AO5671	Adegoke	Olubummo	CSE5324	Artificial Intelligence
Edit Copy Delete	RB1897	Ravindran	Balaraman	CSE5324	Artificial Intelligence
Edit Copy Delete	AS2348	Ahmed	Sarhan	CSE5324	Artificial Intelligence
Edit Copy Delete	RB1897	Ravindran	Balaraman	CSE6365	Computer Graphics
Edit Copy Delete	BL9856	Barbara	Liskov	CSE6365	Computer Graphics
Edit Copy Delete	SB2561	Sanghamitra	Bandyopadhyay	CSE6365	Computer Graphics
Edit Copy Delete	AD4267	Andrea	Delgado	CSE3330	Database 1
Edit Copy Delete	AD4267	Andrea	Delgado	CSE3442	Embedded Systems
Edit Copy Delete	CA2876	Corey	Ashley	CSE3442	Embedded Systems
Edit Copy Delete	HY1945	Henry	Yuen	CSE3310	Fundamentals of Software Engineering
Edit Copy Delete	AO1290	Asu	Ozdaglar	CSE1320	Intermediate Programming
Edit Copy Delete	RB1897	Ravindran	Balaraman	CSE6338	Neural Networks
Edit Copy Delete	AS2348	Ahmed	Sarhan	CSE6338	Neural Networks
Edit Copy Delete	AO5671	Adegoke	Olubummo	CSE6338	Neural Networks
Edit Copy Delete	CA2876	Corey	Ashley	CSE1325	Object-Oriented Programming
Edit Copy Delete	AO1290	Asu	Ozdaglar	CSE1325	Object-Oriented Programming
Edit Copy Delete	DP6712	David	Patterson	CSE4354	Operating System
Edit Copy Delete	SB2561	Sanghamitra	Bandyopadhyay	CSE4354	Operating System
Edit Copy Delete	HY1945	Henry	Yuen	CSE4354	Operating System
Edit Copy Delete	DP6712	David	Patterson	CSE4351	Parallel Processing
Edit Copy Delete	SB2561	Sanghamitra	Bandyopadhyay	CSE4351	Parallel Processing
Edit Copy Delete	XZ3456	Xia	Zhou	CSE4351	Parallel Processing
Edit Copy Delete	XZ3456	Xia	Zhou	CSE3302	Programming Languages
Edit Copy Delete	BL9856	Barbara	Liskov	CSE5322	Software Design
Edit Copy Delete	AS2348	Ahmed	Sarhan	CSE5322	Software Design

Console

2)

A - `SELECT iid,ifname,ilname,count( * ) from coursestaught_info group by iid`

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Donna Safaddin 1001417235

Date:
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+ Options

iid	ifname	ilname	count(*)
AD4267	Andrea	Delgado	2
AO1290	Asu	Ozdaglar	2
AO5671	Adegoke	Olubummo	2
AS2348	Ahmed	Sarhan	3
BL9856	Barbara	Liskov	2
CA2876	Corey	Ashley	2
DP6712	David	Patterson	2
HY1945	Henry	Yuen	2
RB1897	Ravindran	Balaraman	3
SB2561	Sanghamitra	Bandyopadhyay	3
XZ3456	Xia	Zhou	2

B -

```
SELECT CoName

FROM coursestaught_info

WHERE IFName ="Ahmed" AND ILName= "Sarhan"
```

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Date:
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C -

```
SELECT ifname, ilname, CID

FROM coursestaught_info

WHERE CID = "CSE4351" OR CID = "CSE4354" OR CID = "CSE5324";
```

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Showing rows 0 - 8 (9 total, Query took 0.0048 seconds.)

```
SELECT ifname, ilname, CID FROM coursestaught_info WHERE CID = "CSE4351" OR CID = "CSE4354" OR CID = "CSE5324"
```

Profiling [Edit inline] [Edi

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

IFname	ILname	CID
David	Patterson	CSE4351
Sanghamitra	Bandyopadhyay	CSE4351
Xia	Zhou	CSE4351
David	Patterson	CSE4354
Henry	Yuen	CSE4354
Sanghamitra	Bandyopadhyay	CSE4354
Adegoke	Olubummo	CSE5324
Ahmed	Sarhan	CSE5324
Ravindran	Balaraman	CSE5324

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Date:
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3)

```
i) SELECT FName, LName, GrantTitle

FROM gra, phdstudent, grants

WHERE gra.StudentId = phdstudent.StudentId AND gra.Funding =
grants.AccountNo;
```

Showing rows 0 - 10 (11 total, Query took 0.0028 seconds.)

```
SELECT FName, LName, GrantTitle FROM gra, phdstudent, grants WHERE gra.StudentId = phdstudent.StudentId AND gra.Funding = grants.AccountNo
```

Profiling [Edit inline] [Edit] [Explain

Show all | Number of rows: All Filter rows: Search this table

+ Options

FName	LName	GrantTitle
Chayton	Chavis	GAANN
Wang	Wei	GAANN
Xiu	Ying	GAANN
Zhang	Wei	GAANN
Jung	Park	University Transportation
Kim	Jee	University Transportation
Rhee	Yi	University Transportation
Abdurrahman	Wahid	Resistance to Infections
Ki	Hajar	Resistance to Infections
Li	Ying	Undergraduate Experiences
Ranomi	Kromowidjojo	Undergraduate Experiences

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ii)
```
SELECT instructor.FName, instructor.LName, tt.NoOfPhDStudents

FROM instructor, tt

WHERE instructor.InstructorId = tt.InstructorId;
```

Showing rows 0 - 4 (5 total, Query took 0.0046 seconds.)

```
SELECT instructor.FName, instructor.LName, tt.NoOfPhDStudents FROM instructor, tt WHERE instructor.InstructorId = tt.InstructorId
```

Profiling [

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

FName	LName	NoOfPhDStudents
Adegoke	Olubummo	10
Ahmed	Sarhan	20
Barbara	Liskov	9
Ravindran	Balaraman	13
Sanghamitra	Bandyopadhyay	21

iii)
```
SELECT course.CourseID, course.CName,COUNT(*) AS NumOfSectoins

FROM course, section

WHERE course.CourseID = section.CourseID

GROUP by course.CourseID, section.CourseID
```

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Date:
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```
HAVING COUNT(*) > 2;
```

Showing rows 0 - 9 (10 total, Query took 0.0040 seconds.)

```
SELECT course.CourseID, course.CName,COUNT(*) AS NumOfSectoins FROM course, section WHERE course.CourseID = section.CourseID GROUP by course.CourseID,
```

Profiling [Edit inline] [Edit

Show all | Number of rows: All Filter rows: Search this table

+ Options

CourseID	CName	NumOfSectoins
CSE3302	Programming Languages	3
CSE3310	Fundamentals of Software Engineering	3
CSE3330	Database 1	3
CSE3442	Embedded Systems	3
CSE4351	Parallel Processing	3
CSE4354	Operating System	3
CSE5322	Software Design	3
CSE5324	Artificial Intelligence	3
CSE6338	Neural Networks	3
CSE6365	Computer Graphics	3

Show all | Number of rows: All Filter rows: Search this table

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iv)
```
select g.StudentId,g.Funding FROM gra as g, grants as gt where
gt.AccountNo = g.Funding and gt.StAmount >'400000'
```

+ Options

	StudentId	Funding
Edit Copy Delete	AW1023	NIH3
Edit Copy Delete	CC6716	DOE1
Edit Copy Delete	JP9384	DOT4
Edit Copy Delete	KH1029	NIH3
Edit Copy Delete	KJ1928	DOT4
Edit Copy Delete	RY1726	DOT4
Edit Copy Delete	WW3847	DOE1
Edit Copy Delete	XY2938	DOE1
Edit Copy Delete	ZW1029	DOE1

V
```
SELECT i.FName,i.LName,i.Rank,i.Type,c.CourseID from Instructor as I,
coursestaught as C where i.InstructorId=c.InstructorId AND i.FName like 'c%'
```

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Date:
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```
SELECT i.FName,i.LName,i.Rank,i.Type,c.CourseID from Instructor as I, coursestaught as C where i.InstructorId=c.InstructorId AND i.FName like 'c%'
```

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

FName	LName	Rank	Type	CourseID
Corey	Ashley	Associate Professor	Adjunct	CSE1325
Corey	Ashley	Associate Professor	Adjunct	CSE3442

Vi-
```
SELECT SUM(MonthlyPay) AS TOTAL, AVG(MonthlyPay) AS AVERAGE, MIN(MonthlyPay) AS MINIMUM,
MAX(MonthlyPay) AS MAXIMUM FROM GRa
```

Showing rows 0 - 0 (1 total, Query took 0.0018 seconds.)

```
SELECT SUM(MonthlyPay) AS TOTAL, AVG(MonthlyPay) AS AVERAGE, MIN(MonthlyPay) AS MINIMUM, MAX(MonthlyPay) AS MAXIMUM FROM GRa
```

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

TOTAL	AVERAGE	MINIMUM	MAXIMUM
27000.00	2454.545455	1000.00	3000.00

Show all | Number of rows: 25 Filter rows: Search this table

Vii

```
SELECT C.CName, c.CourseID, section.SectionId from course as C, section where CName LIKE
'%programming' and section.CourseID = c.CourseID order by c.CName DESC
```

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Date:
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CName	CourseID	SectionId
Object-Oriented Programming	CSE1325	CSE1325-001
Introduction to programming	CSE1310	CSE1310-001
Intermediate Programming	CSE1320	CSE1320-001

Viii

```
DELETE FROM PHDSTUDENT WHERE StudentId = 'AA2345'
```

Error

SQL query: Copy

```
DELETE FROM PHDSTUDENT WHERE StudentId = 'AA2345'
```

MySQL said:

```
#1451 - Cannot delete or update a parent row: a foreign key constraint fails (`proj1`.`milestonespassed`, CONSTRAINT `milestonespassed_ibfk_1` FOREIGN KEY (`StudentId`) REFERENCES `phdstudent` (`StudentId`))
```

IxEntity constraint violation

```
INSERT INTO COURSESTAUGHT VALUES(NULL,'A1234');
```

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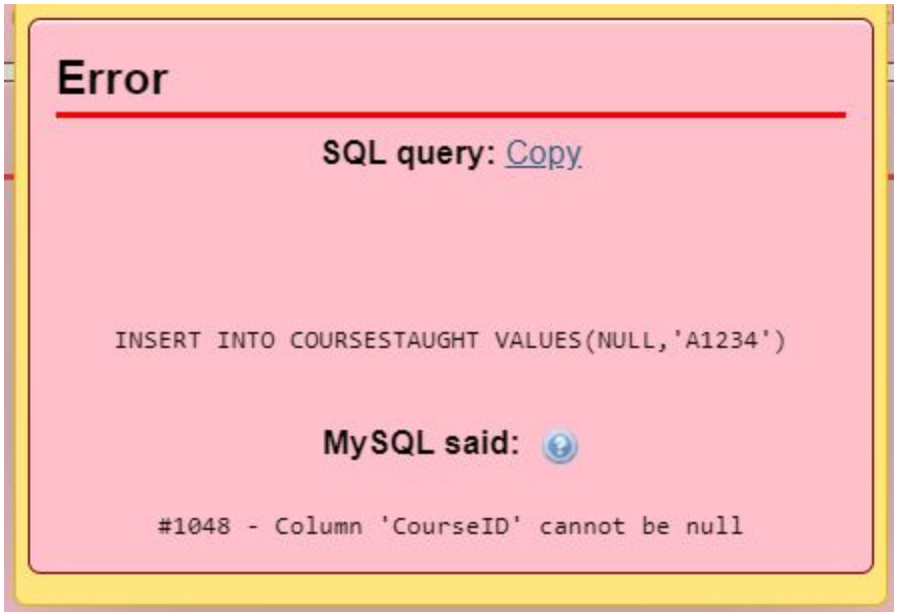

Key constraint violation:

```
insert into milestone VALUES ('ce','comprehensive exam')
```

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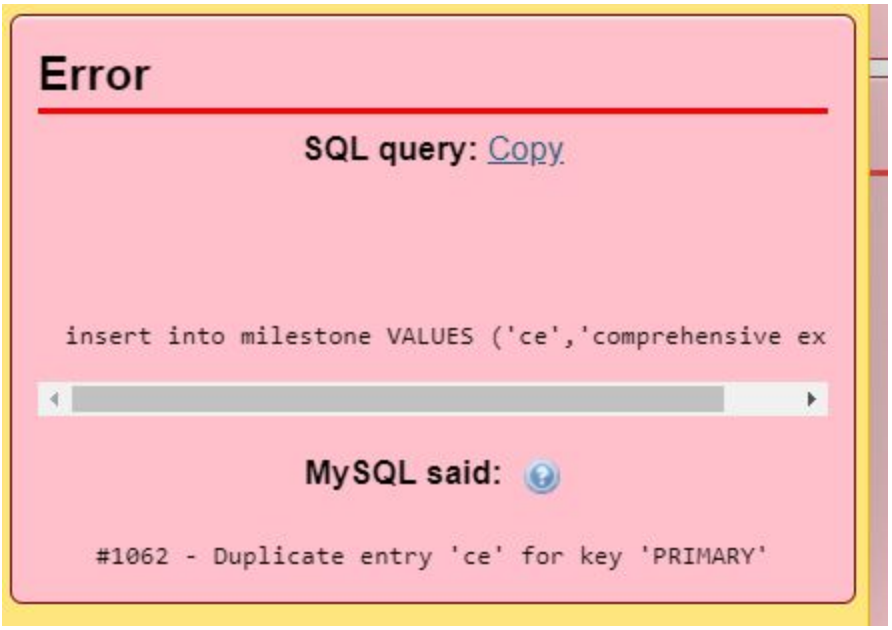

Integrity constraint violation

```
insert INTO grantsassociated values ('14545','sda45','tt')
```

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```
x- SELECT mp.StudentId,mp.MId, P.FName, P.LName, MP.PassDate FROM PHDSTUDENT AS P,
MILESTONESPASSED AS MP where p.StudentId = mp.StudentId
```

StudentId	MId	FName	LName	PassDate
AA1234	CM	Abimbola	Abioye	2016-12-01
AA2345	CM	Afia	Achebe	2016-12-01
AB2903	CM	Aditya	Bhatt	2016-12-05
AJ1836	CM	Alice	Jones	2016-12-02
AJ1934	CM	Adriana	Johnson	2016-12-02
AK1958	CM	Abdul	Kalam	2017-12-07
AL8345	CM	Alejandro	Lopez	2016-12-05
AM2950	CM	Armand	Martin	2016-12-05
AM8051	CM	Antonio	Martinez	2016-12-06
BD5678	CM	Berko	Dogo	2017-12-07
BE1256	CM	Bosede	Eesuola	2017-12-07
BM1745	CM	Ben	Mueller	2016-12-05
DB1783	CM	Dakota	Benally	2016-12-07
DB1783	DE	Dakota	Benally	2017-06-05
DB6291	CM	Dyani	Begay	2016-12-07
DB6291	DE	Dyani	Begay	2017-06-06
EN4589	CM	Emeka	Nenge	2018-12-06
FE6789	CM	Fumnaya	Egebe	2017-12-07
FK8907	CE	Folami	Kanye	2018-05-07
FK8907	CM	Folami	Kanye	2017-12-07
FK8907	DE	Folami	Kanye	2017-12-07
HA2680	CM	Hector	Adams	2018-12-08
IJ1569	CM	Ife	Jelani	2017-12-07
IJ1569	DE	Ife	Jelani	2017-12-06
IS2945	CM	Ivan	Sokolov	2016-12-02

CSE 3330

Project 1 Phase 2

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Date:
04/08/2020

Submitted to-
Prof. Bhanu Jain

Xi
```
SELECT instructor.FName, instructor.LName, COUNT(*) FROM instructor, phdstudent WHERE phdstudent.Supervisor = instructor.InstructorId and instructor.SartDate>'1989-12-25' GROUP BY Supervisor, InstructorId //6 maybe
```

```
SELECT instructor.FName, instructor.LName, COUNT(*) FROM instructor, phdstudent WHERE phdstudent.Supervisor = instructor.InstructorId and instructor.SartDate>'1989-12-25' GROUP BY Supervisor, InstructorId
```

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

FName	LName	COUNT(*)
Barbara	Liskov	14
Ravindran	Balaraman	11
Sanghamitra	Bandyopadhyay	6

Show all | Number of rows: 25 Filter rows: Search this table

Xii-
```
SELECT S.StudentId, S.FName, S.LName, S.StYear, MP.PassDate FROM((PHDSTUDENT AS S LEFT JOIN MILESTONESPASSED AS MP on S.StudentId = MP.StudentId) JOIN MILESTONE AS M ON M.MId = MP.MId) WHERE S.StYear >= '2017' AND MP.PassDate > '2018-05-01'
```

```
SELECT S.StudentId, S.FName, S.LName, S.StYear, MP.PassDate FROM((PHDSTUDENT AS S LEFT JOIN MILESTONESPASSED AS MP on S.StudentId = MP.StudentId) JOIN MILESTONE AS M ON M.MId = MP.MId) WHERE S.StYear >= '2017' AND MP.PassDate > '2018-05-01'
```

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

StudentId	FName	LName	StYear	PassDate
FK8907	Folami	Kanye	2017	2018-05-07
EN4589	Emeka	Nenge	2018	2018-12-06
HA2680	Hector	Adams	2018	2018-12-08
KO1905	Kojo	Okoro	2018	2018-12-07
NZ1278	Nia	Zivai	2018	2018-12-07

Show all | Number of rows: 25 Filter rows: Search this table

CSE 3330

Project 1 Phase 2

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Date:
04/08/2020

Submitted to-
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```
Xiii- SELECT FName,LName,Degree,SartDate from instructor where SartDate>'1999-05-01' and SartDate
< '2004-05-01'
```

Showing rows 0 - 5 (6 total, Query took 0.0013 seconds.)

```
SELECT FName,LName,Degree,SartDate from instructor where SartDate>'1999-05-01' and SartDate < '2004-05-01'
```

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	FName	LName	Degree	SartDate
Edit Copy Delete	Andrea	Delgado	PhD	2002-07-15
Edit Copy Delete	Asu	Ozdaglar	PhD	2002-07-15
Edit Copy Delete	Barbara	Liskov	PhD	2001-07-19
Edit Copy Delete	Corey	Ashley	Masters	2002-07-15
Edit Copy Delete	David	Patterson	PhD	2001-07-19
Edit Copy Delete	Sanghamitra	Bandyopadhyay	PhD	1999-09-15

Check all *With selected:* Edit Copy Delete Export

```
Xiv

- select distinct p.StudentId,ss.Type,p.LName,mp.mid from phdstudent as P, scholarshipsupport as
SS,milestonespassed as mp where (p.StudentId =ss.StudentId AND mp.studentid=p.StudentId) AND
ss.Type LIKE '%Maverick'
```

+ Options

StudentId	Type	LName	mid
AM2950	Maverick	Martin	CM
BM1745	Maverick	Mueller	CM

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Project 1 Phase 2

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Date:
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```
Xv - SELECT S.FName, SC.SectionId FROM ((PHDSTUDENT AS S LEFT OUTER JOIN GTA AS G ON S.StudentId
= G.StudentId) LEFT OUTER JOIN SECTION AS SC ON SC.SectionId = G.SectionId) ORDER BY S.Fname ASC
```

FName	SectionId
Abdul	CSE3442-002
Abdurrahman	*NULL*
Abimbola	*NULL*
Adarsh	CSE4351-002
Aditya	CSE5322-003
Adriana	*NULL*
Afia	*NULL*
Alejandro	CSE6338-001
Alice	*NULL*
Anastasia	*NULL*
Antonio	CSE6338-002
Armand	*NULL*
Ashish	CSE3302-001
Ben	*NULL*
Berko	*NULL*
Bosede	*NULL*
Chayton	*NULL*
Dakota	CSE6365-003
Dyani	CSE6365-002
Emeka	*NULL*
Folami	*NULL*
Francisco	CSE3442-001
Fumnaya	*NULL*
Gabriel	*NULL*
Gabriella	*NULL*

CSE 3330

Project 1 Phase 2

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Date:
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xvi) SELECT SectionId , phdstudent.FName

from gta JOIN phdstudent where gta.StudentId = phdstudent.StudentId order by FName ASC

SectionId	FName ▲ 1
CSE3442-002	Abdul
CSE4351-002	Adarsh
CSE5322-003	Aditya
CSE6338-001	Alejandro
CSE6338-002	Antonio
CSE3302-001	Ashish
CSE6365-003	Dakota
CSE6365-002	Dyani
CSE3442-001	Francisco
CSE5324-001	Jesus
CSE5324-003	Jose
CSE4354-001	Josefina
CSE5322-001	Juan
CSE6338-003	Kaya
CSE3330-002	Lucinda
CSE1325-001	Maanas
CSE3302-003	Malia
CSE3302-002	Maria
CSE3330-003	Miguel
CSE6365-001	Mika
CSE5324-002	Muhammad
CSE3310-001	Nokomis
CSE3310-002	Odina
CSE4354-002	Parvinder
CSE3330-001	Patricia