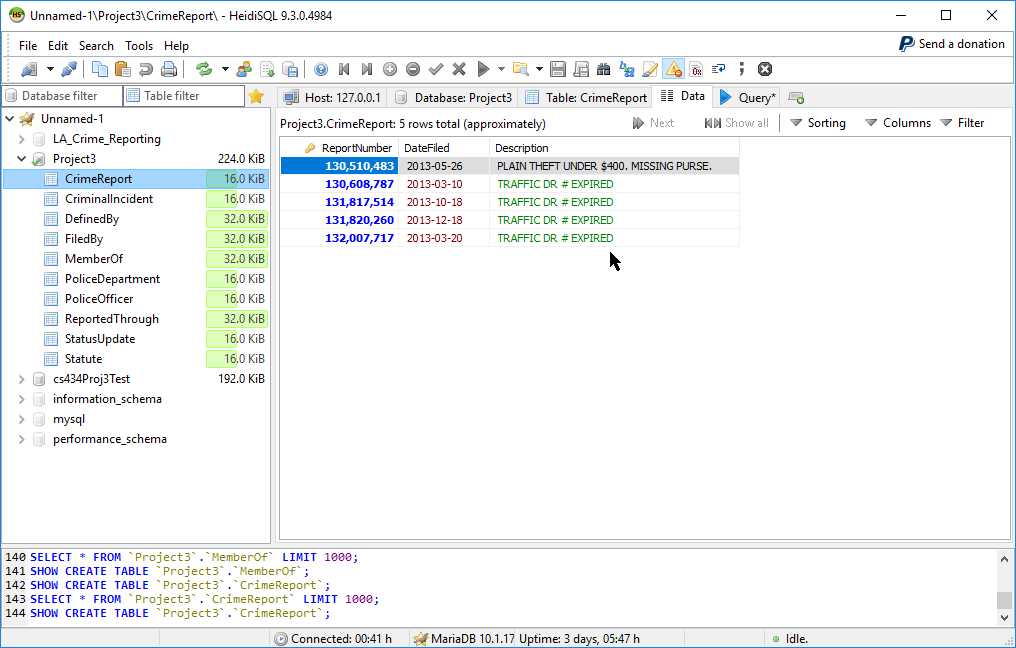
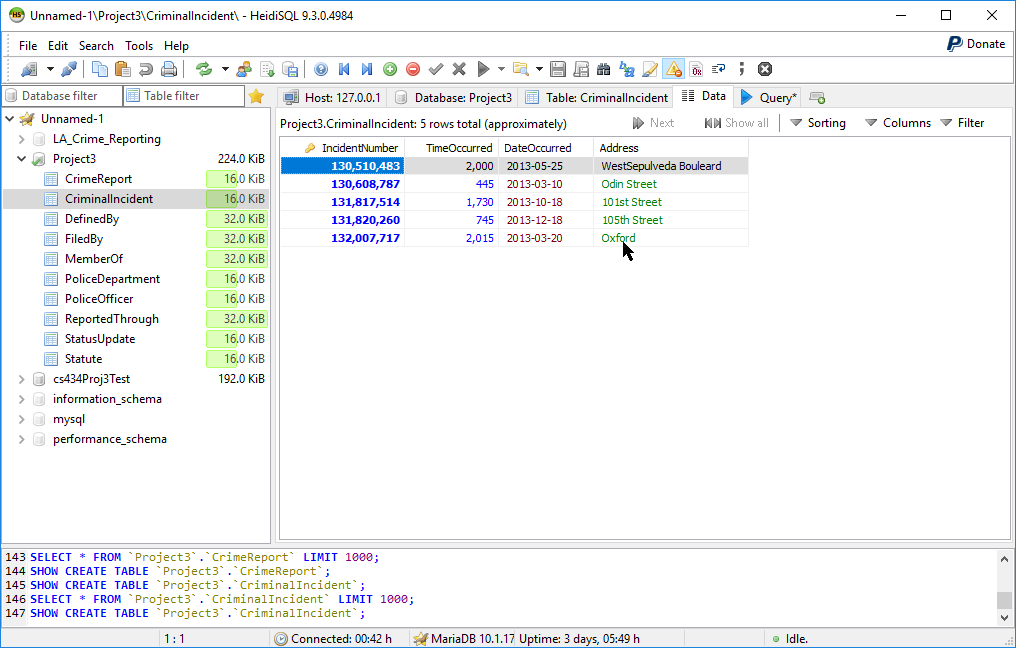
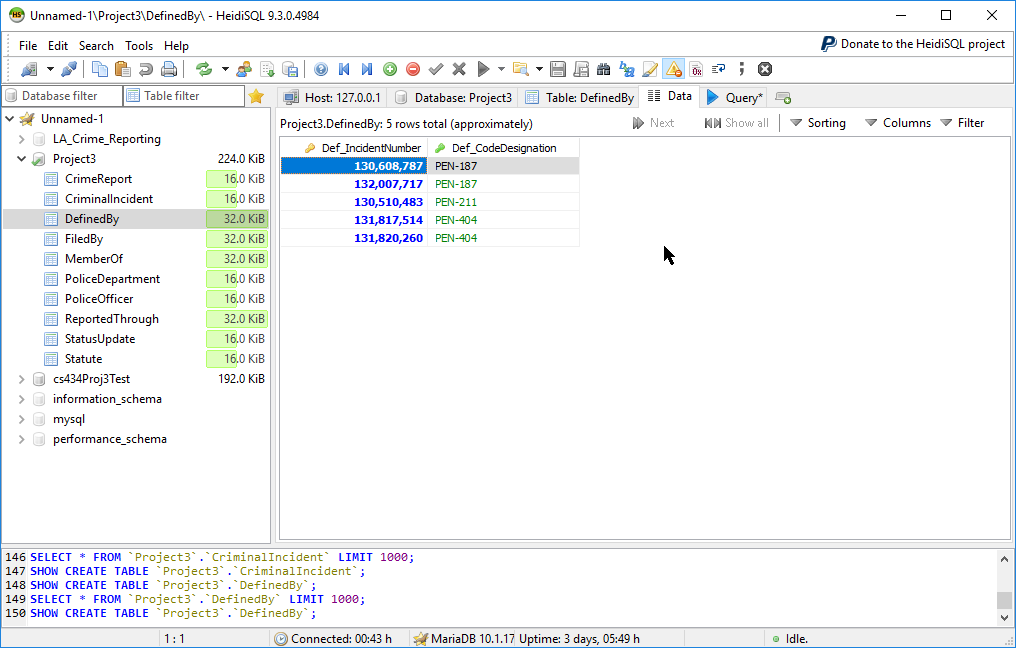
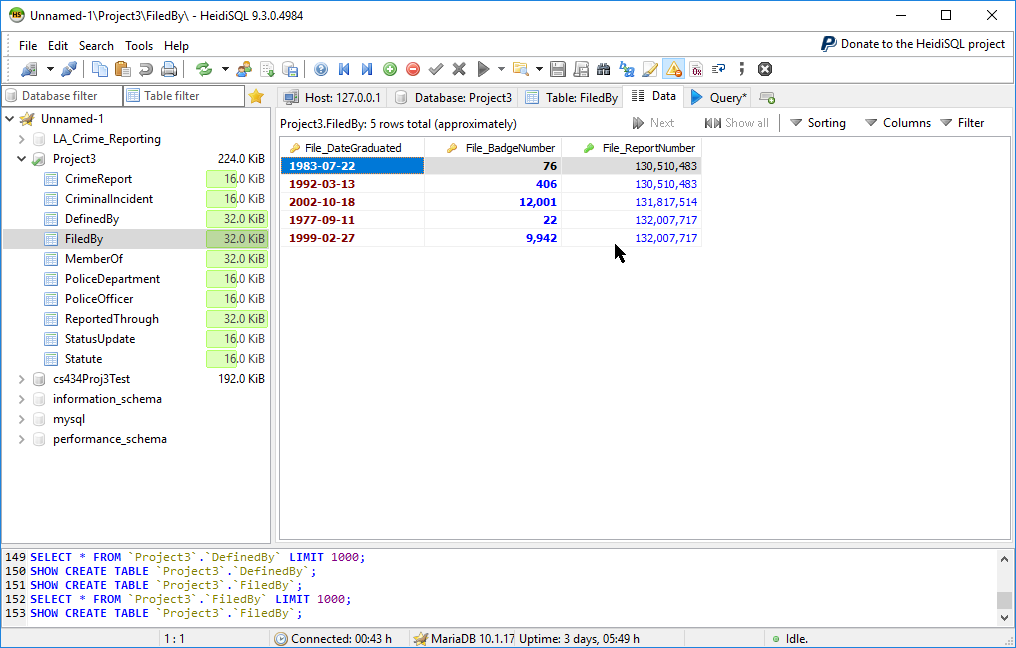
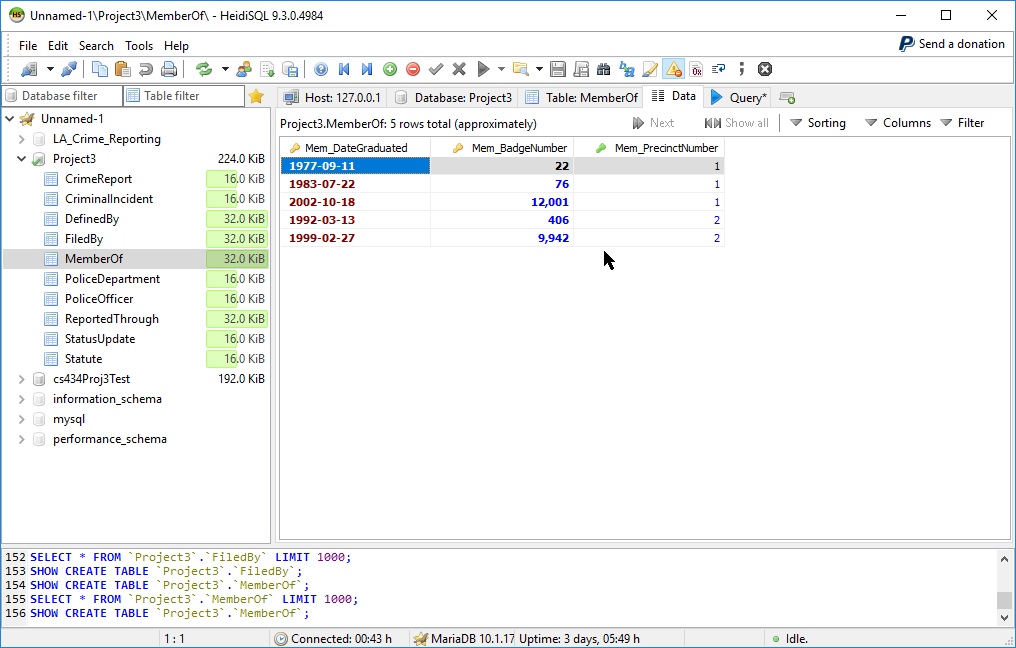
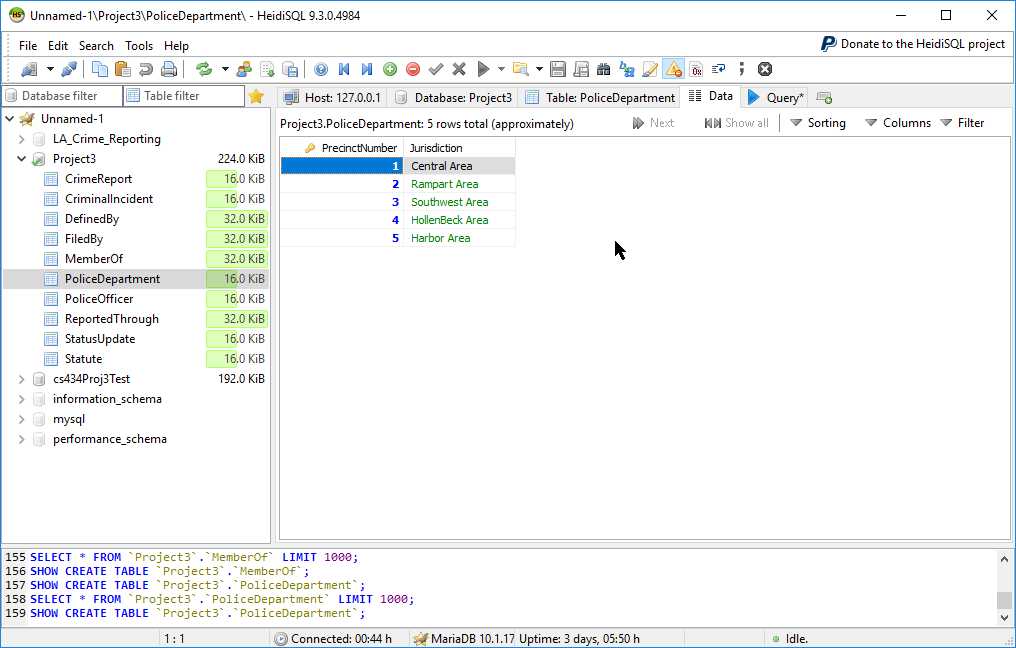
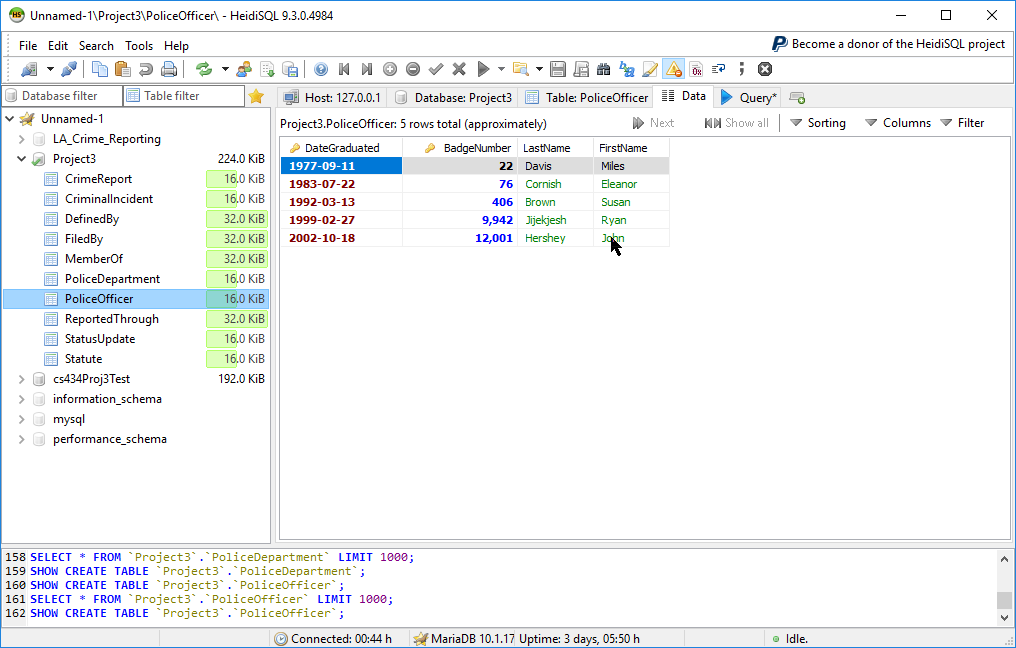
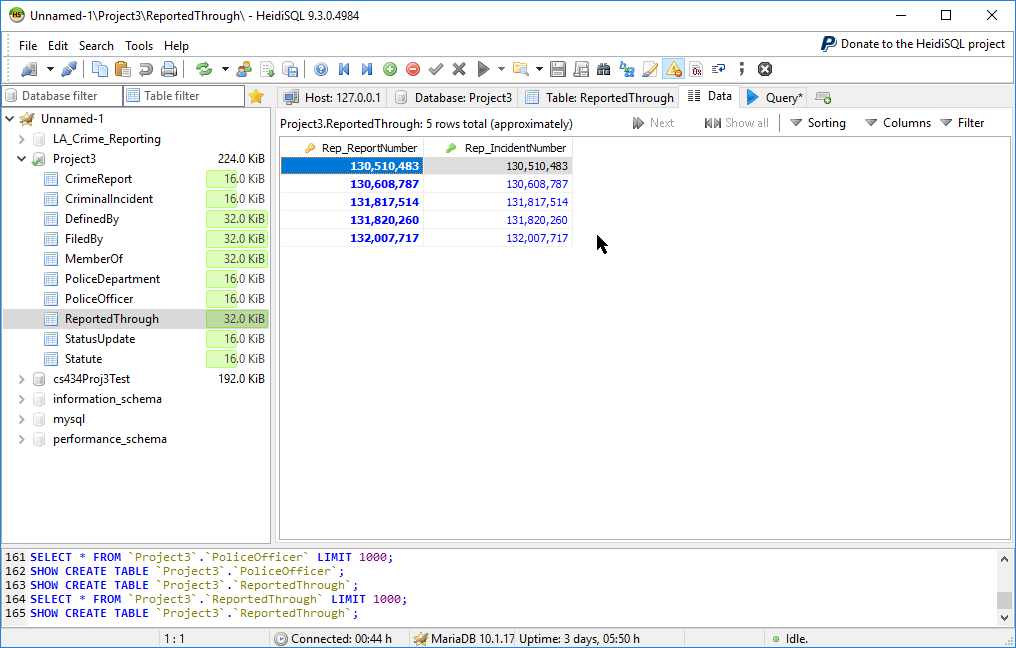
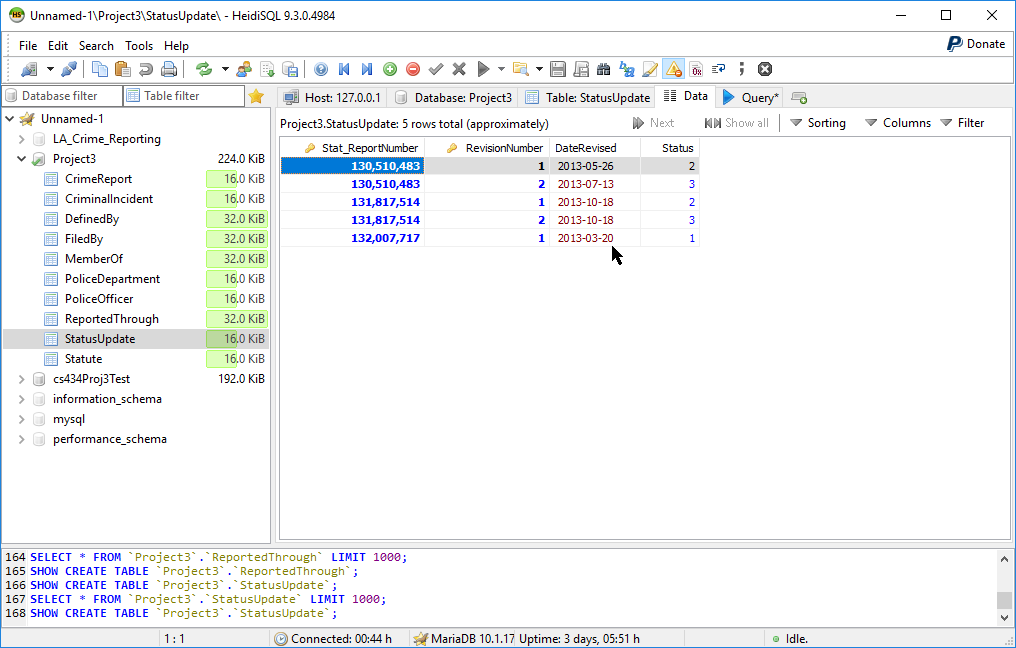
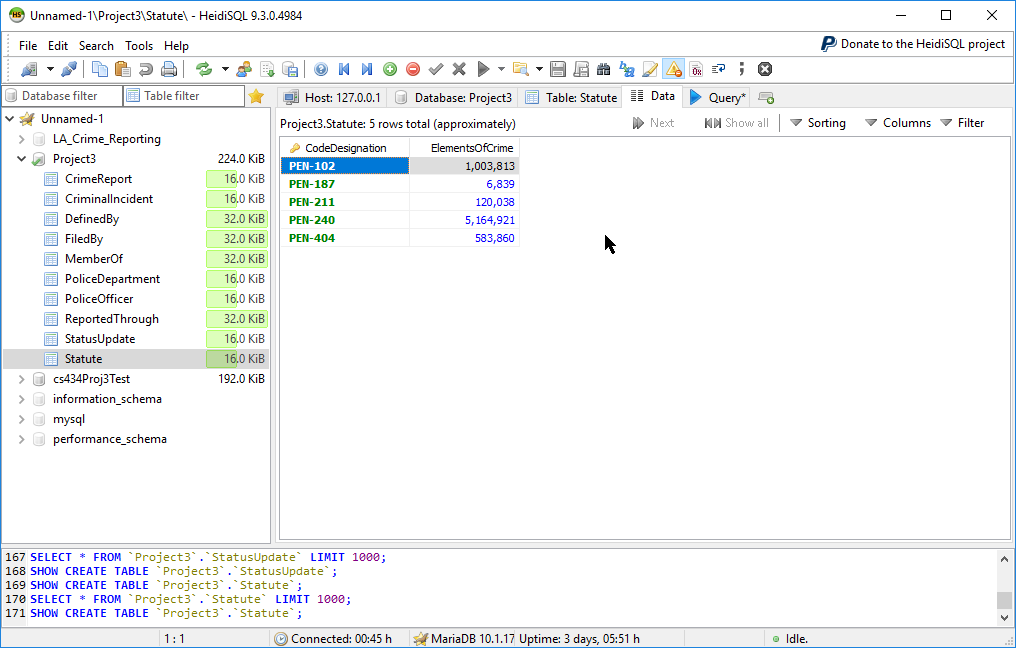
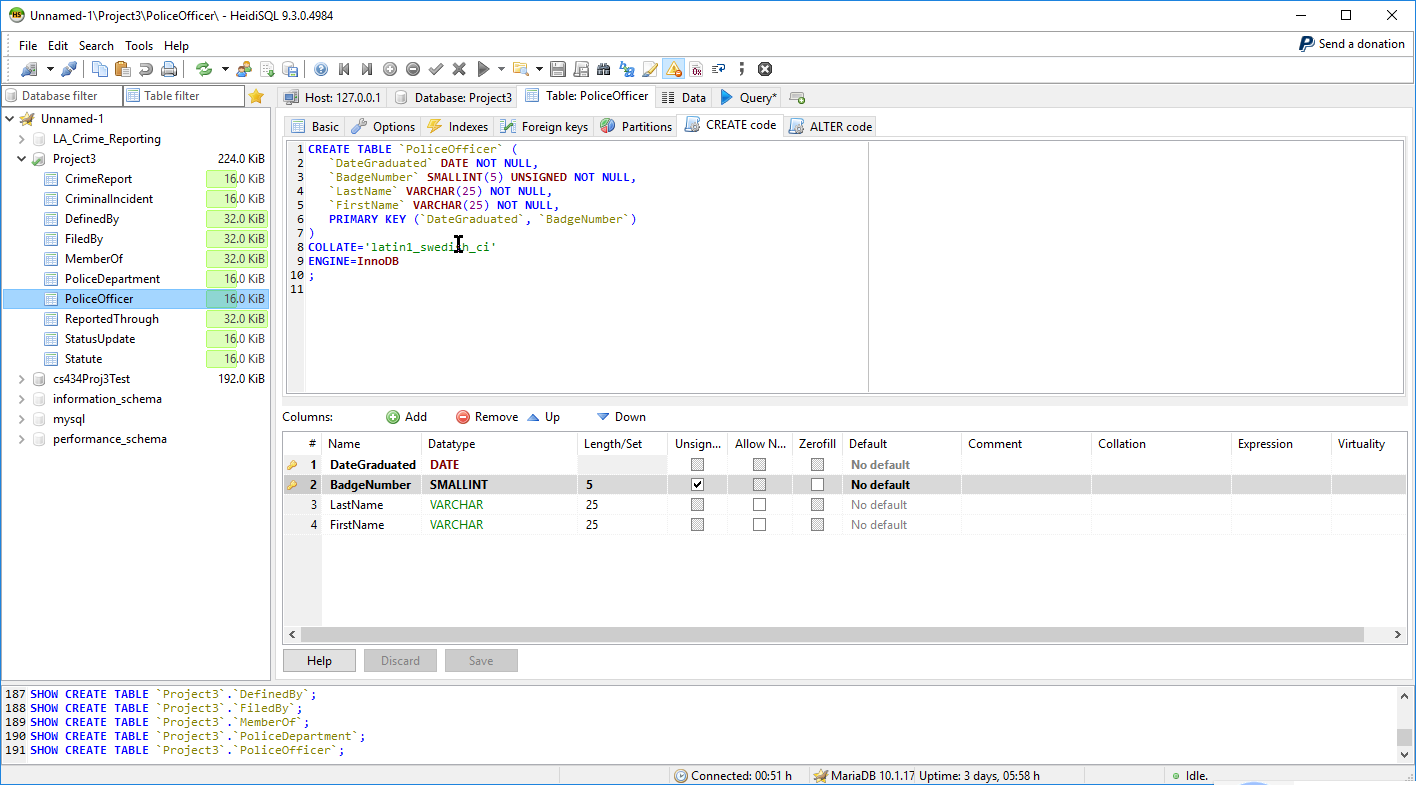
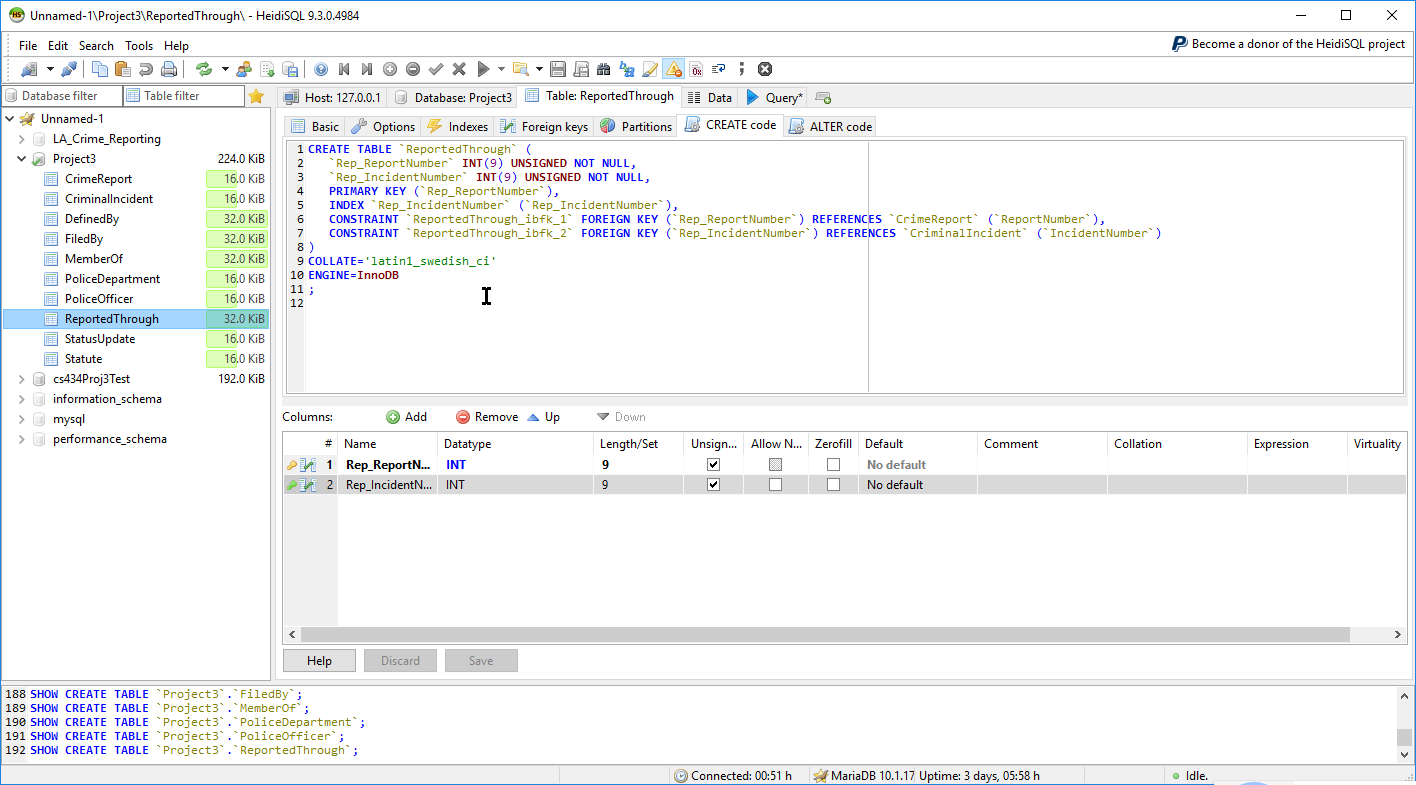
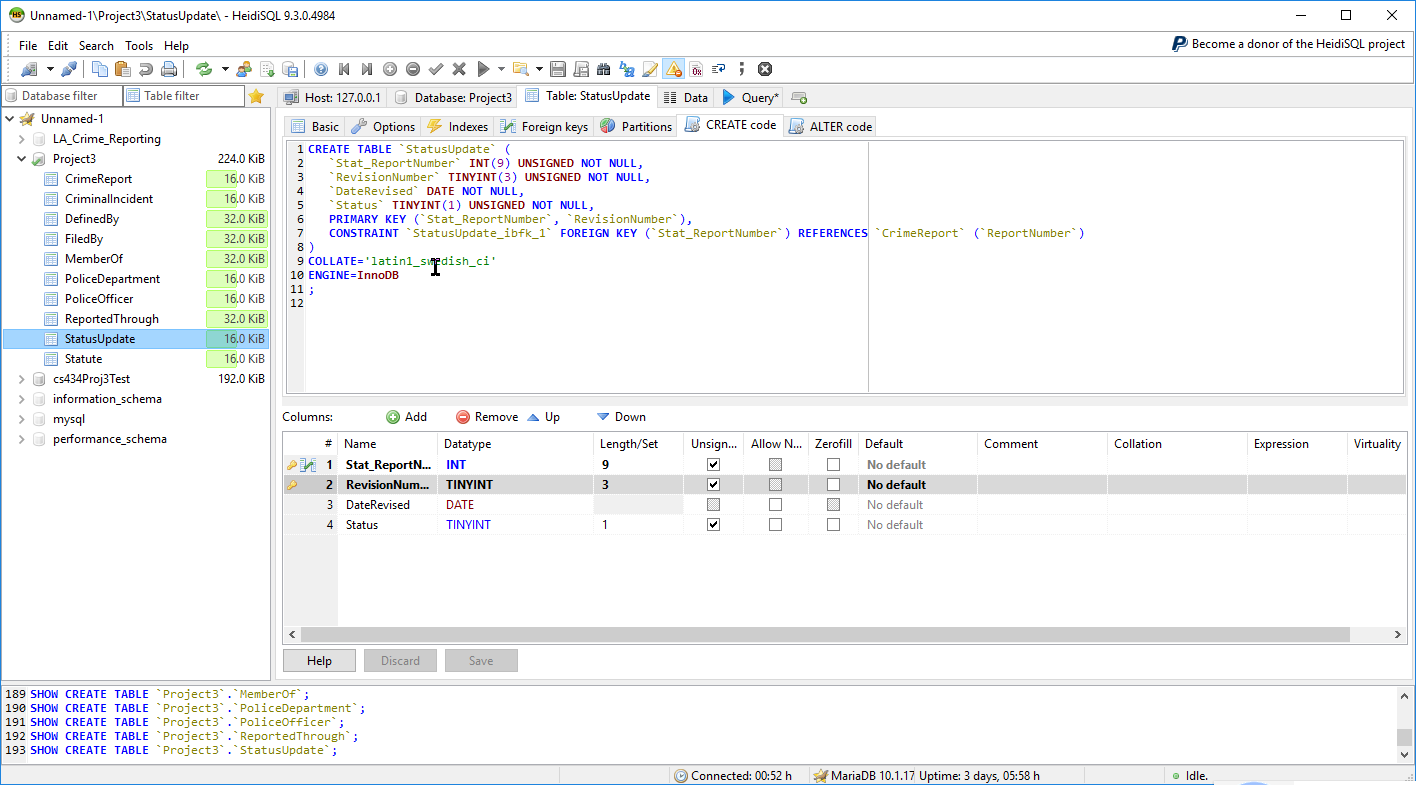
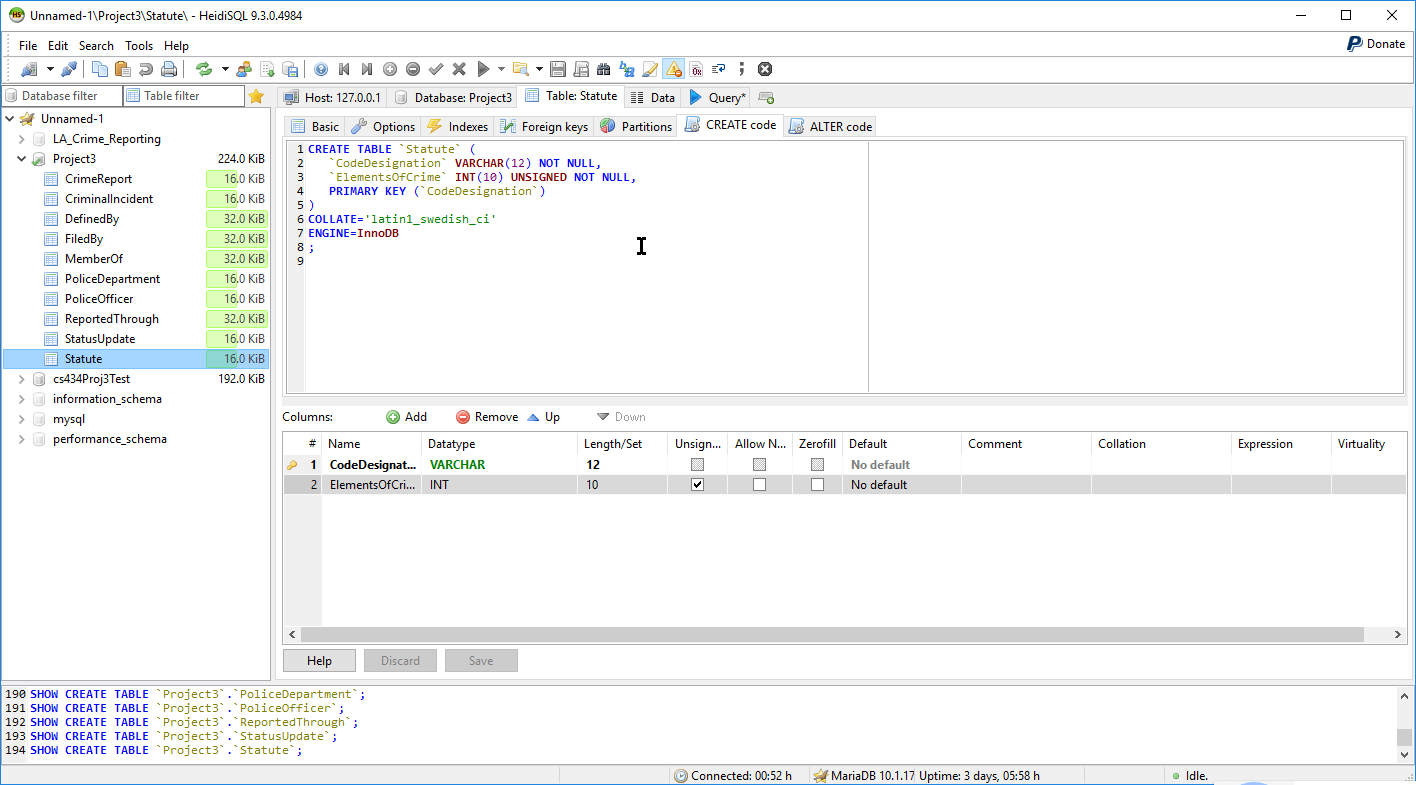
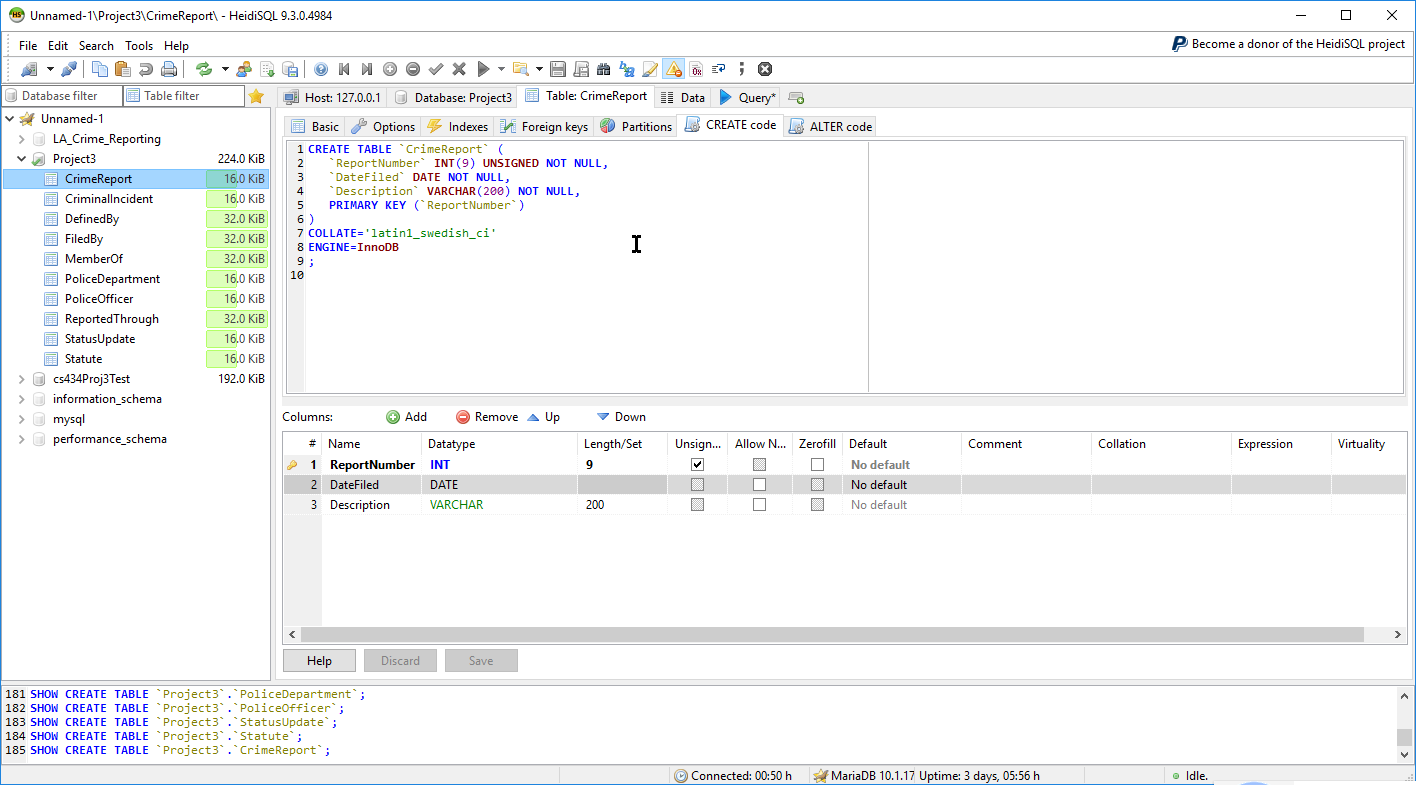
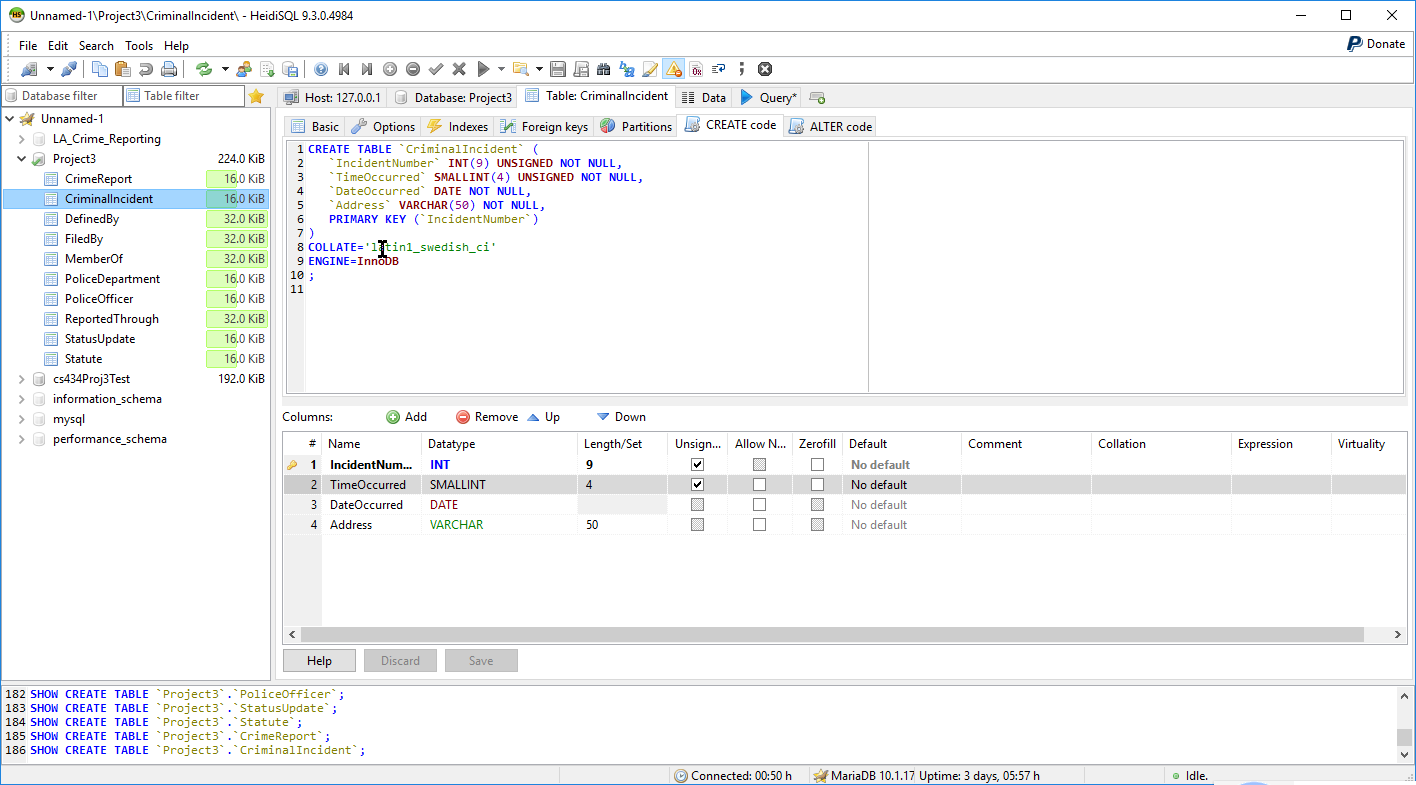
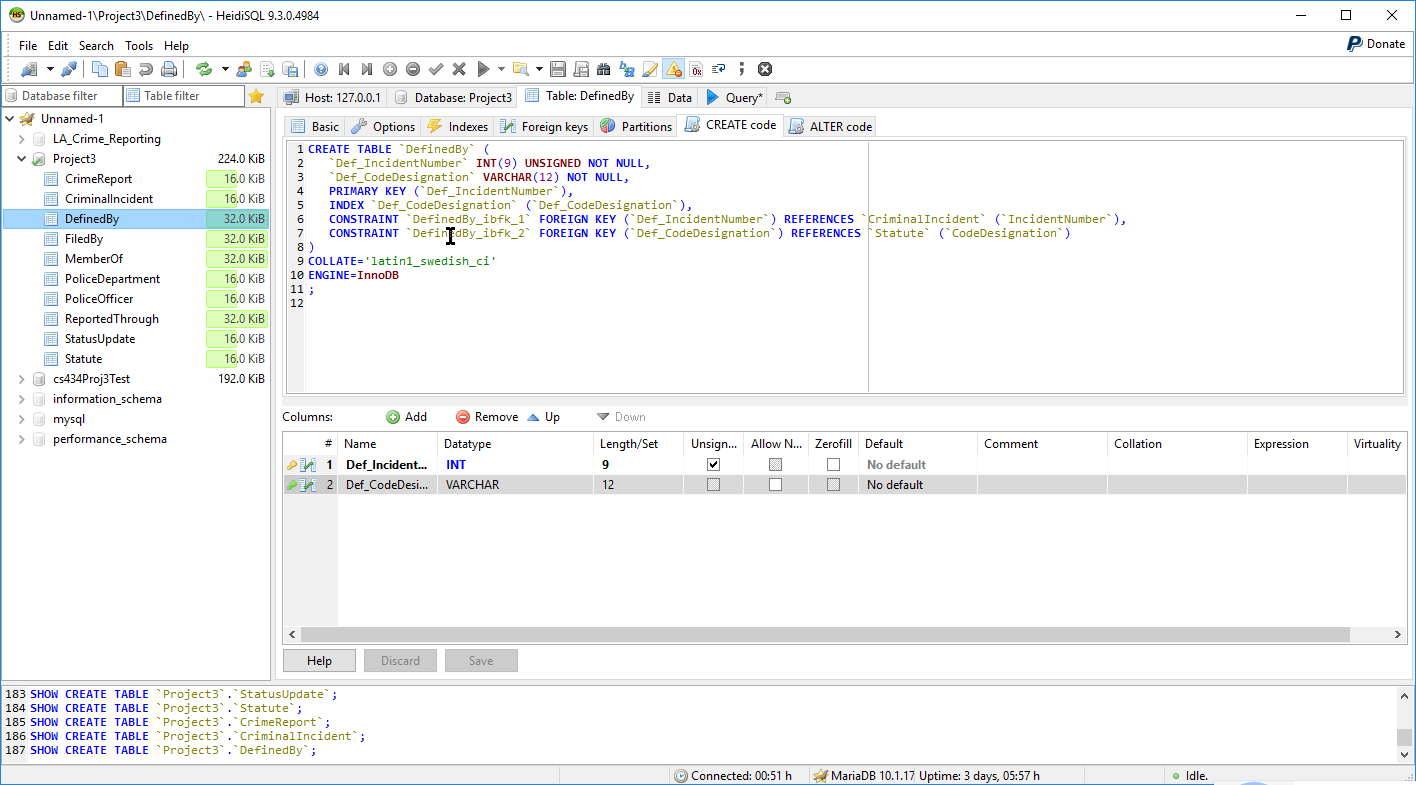
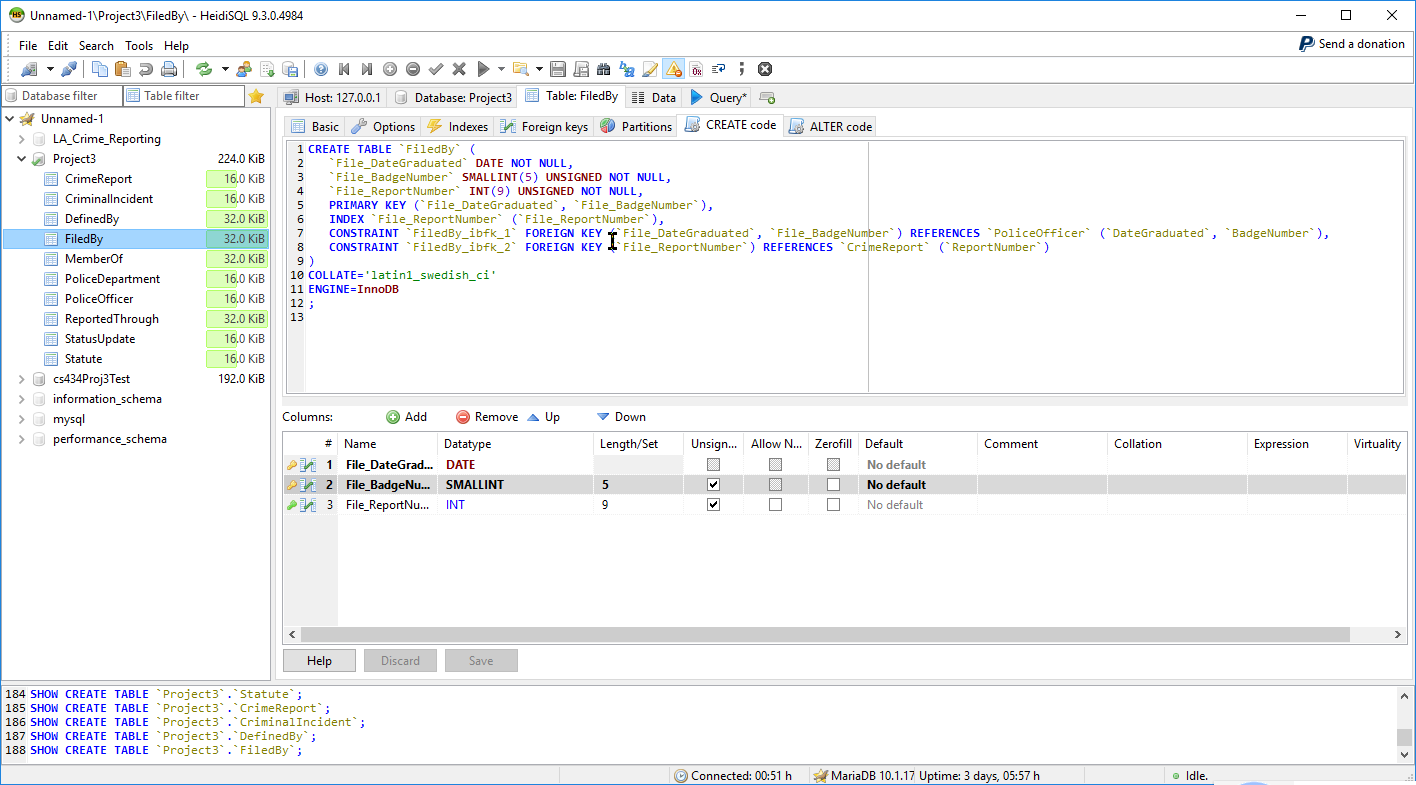
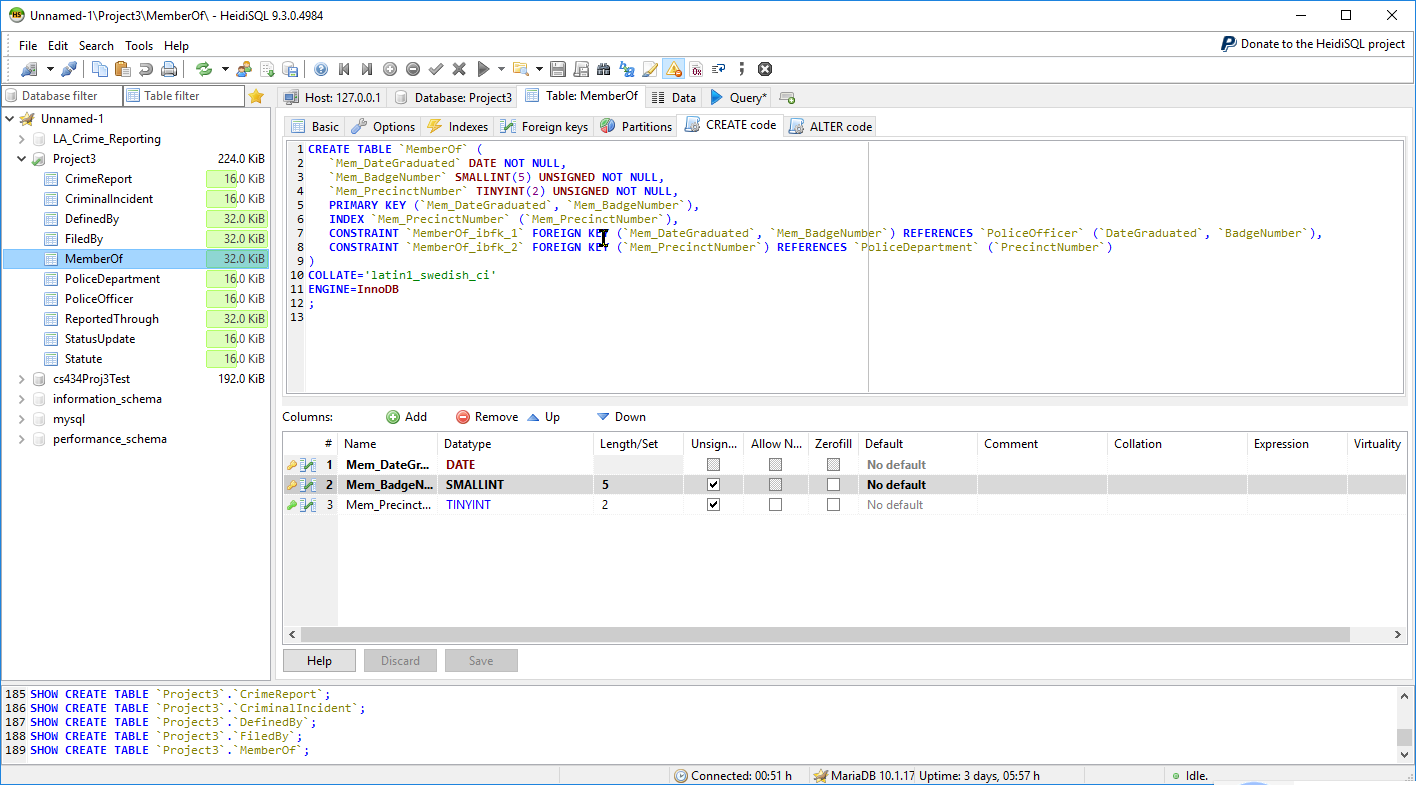
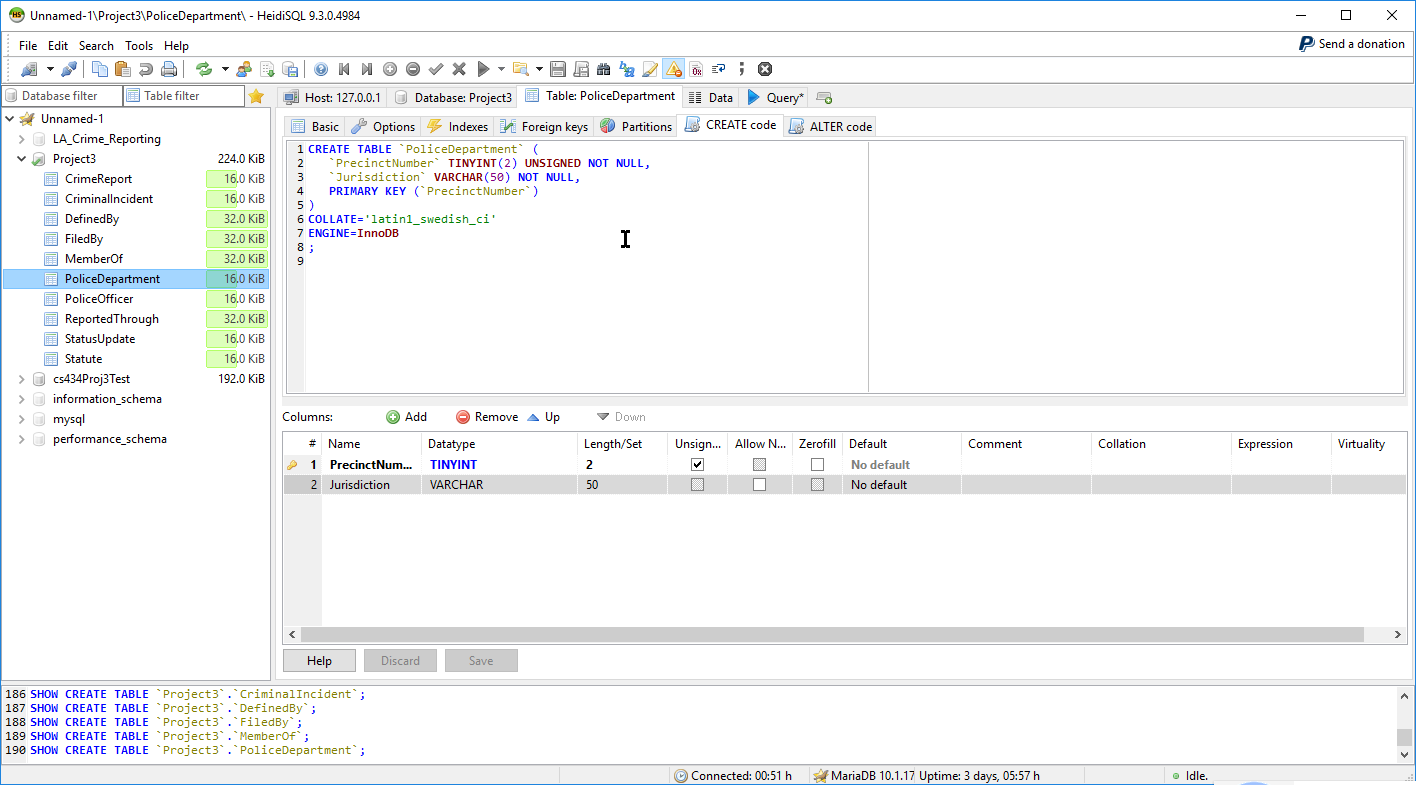
Joshua Haupt

jhaupt@siue.edu

CS 434 Project 3

Joshua Haupt, Charles Helf





**MySQL Create and Insert Command Statements:**

;

CREATE TABLE IF NOT EXISTS Statute(

CodeDesignation VARCHAR(12) NOT NULL,

ElementsOfCrime INT UNSIGNED NOT NULL,

CONSTRAINT 'pk\_code' PRIMARY KEY(CodeDesignation) NOT DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE IF NOT EXISTS Statute( CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT 'pk\_code' PRIMARY KEY(CodeDesignation) NOT DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE IF NOT EXISTS Statute( CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT 'pk\_code' PRIMARY KEY(CodeDesignation) NOT DEFERRABLE);

;

CREATE TABLE IF NOT EXISTS Statute(

CodeDesignation VARCHAR(12) NOT NULL,

ElementsOfCrime INT UNSIGNED NOT NULL,

CONSTRAINT pk\_code PRIMARY KEY(CodeDesignation) NOT DEFERRABLE INITIALLY IMMEDIATE

) Engine=InnoDB;

CREATE TABLE IF NOT EXISTS Statute( CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT pk\_code PRIMARY KEY(CodeDesignation) NOT DEFERRABLE INITIALLY IMMEDIATE ) Engine=InnoDB;

CREATE TABLE IF NOT EXISTS Statute( CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT pk\_code PRIMARY KEY(CodeDesignation) NOT DEFERRABLE INITIALLY IMMEDIATE) Engine=InnoDB;

CREATE TABLE IF NOT EXISTS Statute( CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT pk\_code PRIMARY KEY CodeDesignation NOT DEFERRABLE INITIALLY IMMEDIATE) Engine=InnoDB;

CREATE TABLE IF NOT EXISTS Statute (Code Designation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT pk\_code PRIMARY KEY (Code Designation) NOT DEFERRABLE INITIALLY IMMEDIATE) Engine = InnoDB;

CREATE TABLE IF NOT EXISTS Statute (Code Designation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation) NOT DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE IF NOT EXISTS Statute (Code Designation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)) ENGINE = InnoDB;

;

CREATE TABLE IF NOT EXISTS Statute (CodeDesignation VARCHAR(12) NOT NULL) ENGINE=InnoDB;

drop table Statute;

CREATE TABLE IF NOT EXISTS Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)) Engine=InnoDB;

drop Statute;

CREATE TABLE IF NOT EXISTS Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation) NOT DEFERRABLE) Engine=InnoDB;

;

drop Statute;

drop table Statute;

CREATE TABLE IF NOT EXISTS Statute (CodeDeignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY CodeDesignation NOT DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE IF NOT EXISTS Statute (CodeDeignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY CodeDesignation NOT DEFERRABLE);

CREATE TABLE IF NOT EXISTS Statute (CodeDeignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY CodeDesignation DEFERRABLE);

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY CodeDesignation) ENGINE = InnoDB;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)) ENGINE = InnoDB;

drop table Statute;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation) NOT DEFERRABLE) ENGINE = InnoDB;

drop table Statute;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation) DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT 'pk\_codedes' PRIMARY KEY (CodeDesignation) DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT 'pk\_codedes' PRIMARY KEY (CodeDesignation)) ENGINE = InnoDB;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)) ENGINE = InnoDB;

;

;

;

drop table Statute;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, CONSTRAINT `pk\_code` PRIMARY KEY (CodeDesignation) NOT DEFERRABLE) ENGINE = InnoDB;

CREATE TABLE Statute (CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)); ENGINE = InnoDB;

;

drop table Statute;

CREATE TABLE Statute(CodeDesignation VARCHAR(12) NOT NULL, ElementsOfCrime INT UNSIGNED NOT NULL, PRIMARY KEY (CodeDesignation)) ENGINE = InnoDB;

CREATE TABLE CriminalIncident(IncidentNumber INT(9) UNSIGNED NOT NULL, TimeOccurred SMALLINT(4) UNSIGNED NOT NULL, DateOccurred DATE NOT NULL, Address VARCHAR(50) NOT NULL, PRIMARY KEY(IncidentNumber) Engine = InnoDB;

CREATE TABLE CriminalIncident ( IncidentNumber INT(9) UNSIGNED NOT NULL, TimeOccurred SMALLINT(4) UNSIGNED NOT NULL, DateOccurred DATE NOT NULL, Address VARCHAR(50) NOT NULL, PRIMARY KEY(IncidentNumber)) Engine = InnoDB;

CREATE TABLE DefinedBy(Def\_IncidentNumber INT(9) UNSIGNED NOT NULL, Def\_CodeDesignation VARCHAR(12) NOT NULL, PRIMARY KEY (Def\_IncidentNumber), FOREIGN KEY (Def\_IncidentNumber) REFERENCES CriminalIncident(IncidentNumber), FOREIGN KEY (Def\_CodeDesignation) REFERENCES Statute(CodeDesignation) ENGINE = InnoDB;

CREATE TABLE DefinedBy(Def\_IncidentNumber INT(9) UNSIGNED NOT NULL, Def\_CodeDesignation VARCHAR(12) NOT NULL, PRIMARY KEY (Def\_IncidentNumber), FOREIGN KEY (Def\_IncidentNumber) REFERENCES CriminalIncident(IncidentNumber), FOREIGN KEY (Def\_CodeDesignation) REFERENCES Statute(CodeDesignation)) ENGINE = InnoDB;

CREATE TABLE CrimeReport( ReportNumber INT(9) UNSIGNED NOT NULL, DateFiled DATE NOT NULL, Description VARCHAR(200) NOT NULL, PRIMARY KEY (ReportNumber)) ENGINE = InnoDB;

CREATE TABLE ReportedThrough( Rep\_ReportNumber INT(9) UNSIGNED NOT NULL, Rep\_IncidentNumber INT(9) UNSIGNED NOT NULL, PRIMARY KEY (Rep\_ReportNumber), FOREIGN KEY (Rep\_ReportNumber) REFERENCES CrimeReport(ReportNumber), FOREIGN KEY (Rep\_IncidentNumber) REFERENCES CriminalIncident(IncidentNumber)) ENGINE = InnoDB;

CREATE TABLE StatusUpdate( Stat\_ReportNumber INT(9) UNSIGNED NOT NULL, RevisionNumber TINYINT UNSIGNED NOT NULL, DateRevised DATE NOT NULL, Status TINYINT(1) UNSIGNED NOT NULL, PRIMARY KEY (Stat\_ReportNumber, RevisionNumber), FOREIGN KEY (Stat\_ReportNumber) REFERENCES CrimeReport(ReportNumber)) ENGINE = InnoDB;

CREATE TABLE PoliceOfficer (DateGraduated DATE NOT NULL, BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, LastName VARCHAR(25) NOT NULL, FirstName VARCHAR(25) NOT NULL, PRIMARY KEY (DateGraduated, BadgeNumber)) ENGINE = InnoDB;

CREATE TABLE FiledBy (File\_DateGraduated DATE NOT NULL, File\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, File\_ReportNumber INT NOT NULL, PRIMARY KEY (File\_DateGraduated, File\_BadgeNumber), FOREIGN KEY (File\_DateGraduated, File\_BadgeNumber) REFERENCES PoliceOfficer(DateGraduated, BadgeNumber), FOREIGN KEY (File\_ReportNumber) REFERENCES CrimeReport(ReportNumber)) ENGINE = InnoDB;

CREATE TABLE FiledBy (File\_DateGraduated DATE NOT NULL, File\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, File\_ReportNumber INT NOT NULL, PRIMARY KEY (File\_DateGraduated, File\_BadgeNumber), FOREIGN KEY (File\_DateGraduated, File\_BadgeNumber) REFERENCES PoliceOfficer(DateGraduated, BadgeNumber), FOREIGN KEY (File\_ReportNumber) REFERENCES CrimeReport (ReportNumber)) ENGINE = InnoDB;

;

describe FiledBy

;

show create table FiledBy;

show create table DescribedIn;

;

show create table definedby;

show create table DefinedBy;

;

CREATE TABLE FiledBy ( File\_DateGraduated DATE NOT NULL, File\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, File\_ReportNumber INT(9) NOT NULL, PRIMARY KEY (File\_DateGraduated, File\_BadgeNumber), FOREIGN KEY (File\_DateGraduated, File\_BadgeNumber) REFERENCES PoliceOfficer (DateGraduated, BadgeNumber), FOREIGN KEY (File\_ReportNumber) REFERENCES CrimeReport (ReportNumber)) ENGINE = InnoDB;

CREATE TABLE FiledBy ( File\_DateGraduated DATE NOT NULL, File\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, File\_ReportNumber INT(9) UNSIGNED NOT NULL, PRIMARY KEY (File\_DateGraduated, File\_BadgeNumber), FOREIGN KEY (File\_DateGraduated, File\_BadgeNumber) REFERENCES PoliceOfficer (DateGraduated, BadgeNumber), FOREIGN KEY (File\_ReportNumber) REFERENCES CrimeReport (ReportNumber)) ENGINE = InnoDB;

;

CREATE TABLE PoliceDepartment ( PrecinctNumber TINYINT(2) UNSIGNED NOT NULL, Jurisdiction VARCHAR(50) NOT NULL, PRIMARY KEY (PrecinctNumber)) ENGINE = InnoDB;

CREATE TABLE MemberOf ( Mem\_DateGraduated DATE NOT NULL, Mem\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, Mem\_PrecinctNumber TINYINT (2) UNSIGNED NOT NULL, PRIMARY KEY (Mem\_DateGraduated, Mem\_BadgeNumber), FOREIGN KEY (Mem\_DateGraduated, Mem\_BadgeNumber) REFERENCES PoliceOfficer (DateGraduated, BadgeNumber), FOREIGN KEY (Mem\_PrecicntNumber) REFERENCES PoliceDepartment (PrecinctNumber)) ENGINE = InnoDB;

CREATE TABLE MemberOf ( Mem\_DateGraduated DATE NOT NULL, Mem\_BadgeNumber SMALLINT(5) UNSIGNED NOT NULL, Mem\_PrecinctNumber TINYINT (2) UNSIGNED NOT NULL, PRIMARY KEY (Mem\_DateGraduated, Mem\_BadgeNumber), FOREIGN KEY (Mem\_DateGraduated, Mem\_BadgeNumber) REFERENCES PoliceOfficer (DateGraduated, BadgeNumber), FOREIGN KEY (Mem\_PrecinctNumber) REFERENCES PoliceDepartment (PrecinctNumber)) ENGINE = InnoDB;

;

;

INSERT INTO Statute (CodeDesignation, ElementsOfCrime) VALUES ('PEN-102', 1003813), ('PEN-211', 120038), ('PEN-240', 5164921), ('PEN-187', 6839), ('PEN-404', 583860);

INSERT INTO PoliceOfficer (DateGraduated, BadgeNumber, LastName, FIrstName) VALUES ('2002-10-18', 12001, 'Hershey', 'John'), ('1999-02-27', 9942, 'Jijekjesh', 'Ryan'), ('1983-07-22', 76, 'Cornish', 'Eleanor'), ('1992-03-13', 406, 'Brown', 'Susan'), ('1977-09-11', 22, 'Davis', 'Miles');

INSERT INTO PoliceDepartment (PrecinctNumber, Jurisdiction) VALUES (1, 'Central Area'), (2, 'Rampart Area'), (3, 'Southwest Area'), (4, 'HollenBeck Area'), (5, 'Harbor Area');

INSERT INTO DefinedBy (Def\_IncidentNumber, Def\_CodeDesignation) VALUES (132007717, 'PEN-187'), (130608787, 'PEN-187'), (131820260, 'PEN-404'), (131817514, 'PEN-404'), (130510483, 'PEN-211');

show table PoliceOfficer;

show PoliceOfficer;

select \* from PoliceOfficer;

select \* from MemberOf;

select \* from PoliceDepartment;

INSERT INTO DefinedBy (Def\_IncidentNumber, Def\_CodeDesignation) VALUES (132007717, 'PEN-187'), (130608787, 'PEN-187'), (131820260, 'PEN-404'), (131817514, 'PEN-404'), (130510483, 'PEN-211');

select \* from DefinedBy;

;

select \* from CriminalIncident;

select \* from PoliceOfficer;

INSERT INTO CriminalIncident (IncidentNumber, TimeOccurred, DateOccurred, Address) VALUES (132007717, 2015, '2013-03-20', 'Oxford'), (130608787, 445, '2013-03-10', 'Odin Street'), (131820260, 745, '2013-12-18', '105th Street'), (131817514, 1730, '2013-10-18', '101st Street'), (130510483, 2000, '2013-05-25', 'WestSepulveda Bouleard');

INSERT INTO DefinedBy (Def\_IncidentNumber, Def\_CodeDesignation) VALUES (132007717, 'PEN-187'), (130608787, 'PEN-187'), (131820260, 'PEN-404'), (131817514, 'PEN-404'), (130510483, 'PEN-211');

select \* from ReportedThrough;

INSERT INTO ReportedThrough (Rep\_ReportNumber, Rep\_IncidentNumber) VALUES (132007717, 132007717), (130608787, 130608787), (131820260, 131820260), (131817514, 131817514), (130510483, 130510483);

;

;

INSERT INTO CrimeReport (ReportNumber, DateFiled, Description) VALUES (132007717, '2013-03-20', 'TRAFFIC DR # EXPIRED'), (130608787, '2013-03-10', 'TRAFFIC DR # EXPIRED'), (131820260, '2013-12-18', 'TRAFFIC DR # EXPIRED'), (131817514, '2013-10-18', 'TRAFFIC DR # EXPIRED'), (130510483, '2013-05-26', 'PLAIN THEFT UNDER $400. MISSING PURSE.');

INSERT INTO ReportedThrough (Rep\_ReportNumber, Rep\_IncidentNumber) VALUES (132007717, 132007717), (130608787, 130608787), (131820260, 131820260), (131817514, 131817514), (130510483, 130510483);

INSERT INTO StatusUpdate (Stat\_ReportNumber, RevisionNumber, DateRevised, Status) VALUES (132007717, 1, '2013-03-20', 1), (130510483, 1, '2013-05-26', 2), (130510483, 2, '2013-07-13', 3), (131817514, 1, '2013-10-18', 2), (131817514, '2013-10-18', 3);

INSERT INTO StatusUpdate (Stat\_ReportNumber, RevisionNumber, DateRevised, Status) VALUES (132007717, 1, '2013-03-20', 1), (130510483, 1, '2013-05-26', 2), (130510483, 2, '2013-07-13', 3), (131817514, 1, '2013-10-18', 2), (131817514, 2, '2013-10-18', 3);

select \* from PoliceOfficer;

INSERT INTO FiledBy (File\_DateGraduated, File\_BadgeNumber, File\_ReportNumber) VALUES ('1977-09-11', 22' 132007717), ('1999-02-27', 9942, 132007717), ('1992-03-13', 406, 130510483), ('1983-07-22', 76, 130510483), ('1977-09-11', 22, 131817514);

;

'

;

INSERT INTO FiledBy (File\_DateGraduated, File\_BadgeNumber, File\_ReportNumber) VALUES ('1977-09-11', 22' 132007717), ('1999-02-27', 9942, 132007717), ('1992-03-13', 406, 130510483), ('1983-07-22', 76, 130510483), ('1977-09-11', 22, 131817514);\012;\012\012';

INSERT INTO FiledBy (File\_DateGraduated, File\_BadgeNumber, File\_ReportNumber) VALUES ('1977-09-11', 22, 132007717), ('1999-02-27', 9942, 132007717), ('1992-03-13', 406, 130510483), ('1983-07-22', 76, 130510483), ('1977-09-11', 22, 131817514);

select \* from FiledBy;

INSERT INTO FiledBy (File\_DateGraduated, File\_BadgeNumber, File\_ReportNumber) VALUES ('1977-09-11', 22, 132007717), ('1999-02-27', 9942, 132007717), ('1992-03-13', 406, 130510483), ('1983-07-22', 76, 130510483), ('2002-10-18', 12001, 131817514);

INSERT INTO MemberOf (Mem\_DateGraduated, Mem\_BadgeNumber, Mem\_PrecinctNumber) VALUES ('1977-09-11', 22, 1), ('1999-02-27', 9942, 2), ('2002-10-18', 12001, 1), ('1983-07-22', 76, 1), ('1992-03-13', 406, 2);

Create Command Statements:

**CREATE** **TABLE** `CrimeReport` (

`ReportNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

`DateFiled` **DATE** **NOT** **NULL**,

`Description` **VARCHAR**(200) **NOT** **NULL**,

**PRIMARY** **KEY** (`ReportNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `CriminalIncident` (

`IncidentNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

`TimeOccurred` **SMALLINT**(4) **UNSIGNED** **NOT** **NULL**,

`DateOccurred` **DATE** **NOT** **NULL**,

`Address` **VARCHAR**(50) **NOT** **NULL**,

**PRIMARY** **KEY** (`IncidentNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `DefinedBy` (

`Def\_IncidentNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

`Def\_CodeDesignation` **VARCHAR**(12) **NOT** **NULL**,

**PRIMARY** **KEY** (`Def\_IncidentNumber`),

**INDEX** `Def\_CodeDesignation` (`Def\_CodeDesignation`),

**CONSTRAINT** `DefinedBy\_ibfk\_1` **FOREIGN** **KEY** (`Def\_IncidentNumber`) **REFERENCES** `CriminalIncident` (`IncidentNumber`),

**CONSTRAINT** `DefinedBy\_ibfk\_2` **FOREIGN** **KEY** (`Def\_CodeDesignation`) **REFERENCES** `Statute` (`CodeDesignation`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `FiledBy` (

`File\_DateGraduated` **DATE** **NOT** **NULL**,

`File\_BadgeNumber` **SMALLINT**(5) **UNSIGNED** **NOT** **NULL**,

`File\_ReportNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

**PRIMARY** **KEY** (`File\_DateGraduated`, `File\_BadgeNumber`),

**INDEX** `File\_ReportNumber` (`File\_ReportNumber`),

**CONSTRAINT** `FiledBy\_ibfk\_1` **FOREIGN** **KEY** (`File\_DateGraduated`, `File\_BadgeNumber`) **REFERENCES** `PoliceOfficer` (`DateGraduated`, `BadgeNumber`),

**CONSTRAINT** `FiledBy\_ibfk\_2` **FOREIGN** **KEY** (`File\_ReportNumber`) **REFERENCES** `CrimeReport` (`ReportNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `MemberOf` (

`Mem\_DateGraduated` **DATE** **NOT** **NULL**,

`Mem\_BadgeNumber` **SMALLINT**(5) **UNSIGNED** **NOT** **NULL**,

`Mem\_PrecinctNumber` **TINYINT**(2) **UNSIGNED** **NOT** **NULL**,

**PRIMARY** **KEY** (`Mem\_DateGraduated`, `Mem\_BadgeNumber`),

**INDEX** `Mem\_PrecinctNumber` (`Mem\_PrecinctNumber`),

**CONSTRAINT** `MemberOf\_ibfk\_1` **FOREIGN** **KEY** (`Mem\_DateGraduated`, `Mem\_BadgeNumber`) **REFERENCES** `PoliceOfficer` (`DateGraduated`, `BadgeNumber`),

**CONSTRAINT** `MemberOf\_ibfk\_2` **FOREIGN** **KEY** (`Mem\_PrecinctNumber`) **REFERENCES** `PoliceDepartment` (`PrecinctNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `PoliceDepartment` (

`PrecinctNumber` **TINYINT**(2) **UNSIGNED** **NOT** **NULL**,

`Jurisdiction` **VARCHAR**(50) **NOT** **NULL**,

**PRIMARY** **KEY** (`PrecinctNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `PoliceOfficer` (

`DateGraduated` **DATE** **NOT** **NULL**,

`BadgeNumber` **SMALLINT**(5) **UNSIGNED** **NOT** **NULL**,

`LastName` **VARCHAR**(25) **NOT** **NULL**,

`FirstName` **VARCHAR**(25) **NOT** **NULL**,

**PRIMARY** **KEY** (`DateGraduated`, `BadgeNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `ReportedThrough` (

`Rep\_ReportNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

`Rep\_IncidentNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

**PRIMARY** **KEY** (`Rep\_ReportNumber`),

**INDEX** `Rep\_IncidentNumber` (`Rep\_IncidentNumber`),

**CONSTRAINT** `ReportedThrough\_ibfk\_1` **FOREIGN** **KEY** (`Rep\_ReportNumber`) **REFERENCES** `CrimeReport` (`ReportNumber`),

**CONSTRAINT** `ReportedThrough\_ibfk\_2` **FOREIGN** **KEY** (`Rep\_IncidentNumber`) **REFERENCES** `CriminalIncident` (`IncidentNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `StatusUpdate` (

`Stat\_ReportNumber` **INT**(9) **UNSIGNED** **NOT** **NULL**,

`RevisionNumber` **TINYINT**(3) **UNSIGNED** **NOT** **NULL**,

`DateRevised` **DATE** **NOT** **NULL**,

`Status` **TINYINT**(1) **UNSIGNED** **NOT** **NULL**,

**PRIMARY** **KEY** (`Stat\_ReportNumber`, `RevisionNumber`),

**CONSTRAINT** `StatusUpdate\_ibfk\_1` **FOREIGN** **KEY** (`Stat\_ReportNumber`) **REFERENCES** `CrimeReport` (`ReportNumber`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `Statute` (

`CodeDesignation` **VARCHAR**(12) **NOT** **NULL**,

`ElementsOfCrime` **INT**(10) **UNSIGNED** **NOT** **NULL**,

**PRIMARY** **KEY** (`CodeDesignation`)

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;