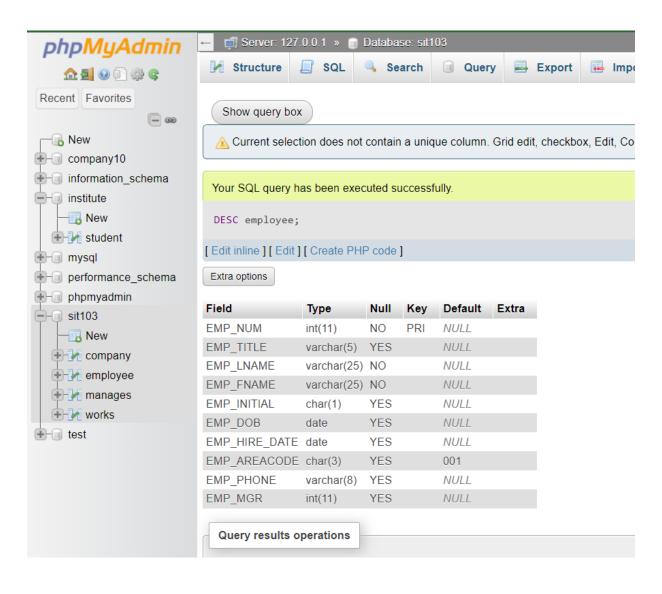
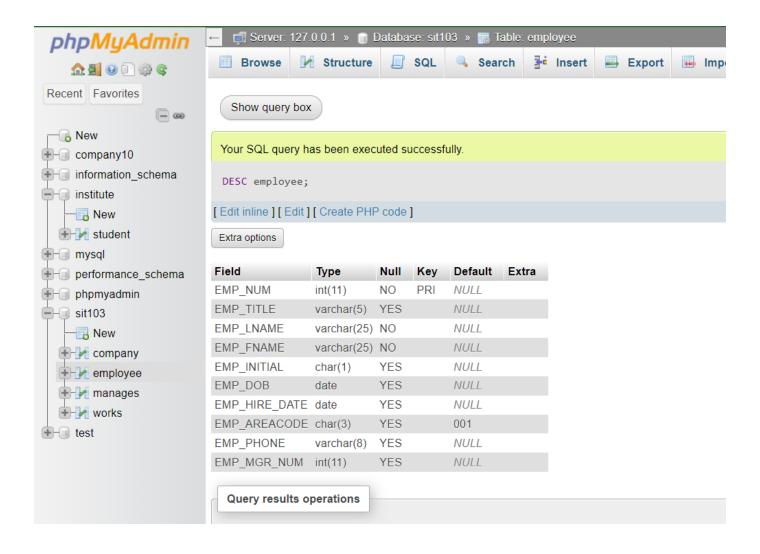
```
CREATE TABLE EMPLOYEE (
EMP_NUM INT NOT NULL,
EMP_TITLE VARCHAR(5),
EMP_LNAME VARCHAR(25),
EMP_FNAME VARCHAR(25),
EMP_INITIAL CHAR(1),
EMP_DOB DATE,
EMP_HIRE_DATE DATE,
EMP_AREACODE CHAR(3), DEFAULT '001',
EMP_PHONE VARCHAR(8),
EMP_MGR INT,
PRIMARY KEY (EMP_NUM)
);
```



ALTER TABLE employee

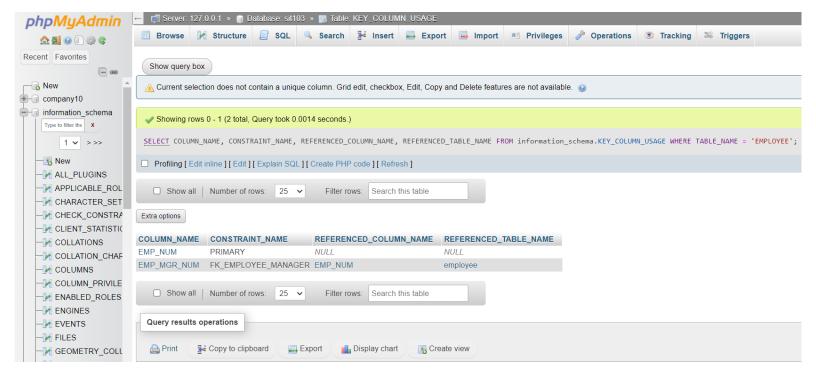
CHANGE COLUMN EMP_MGR EMP_MGR_NUM INT;



ALTER TABLE EMPLOYEE

ADD CONSTRAINT FK_EMPLOYEE_MANAGER

FOREIGN KEY (EMP_MGR_NUM) REFERENCES EMPLOYEE (EMP_NUM);



```
INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (100, 'Mr.', 'Kolmycz','George','D','1942-06-15','1985-03-15','615','324-5456',NULL);
```

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (101, 'Ms.', 'Lewis', 'Rhonda', 'G', '1965-03-19', '1986-04-25', '615', '324-4472', 100);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (102, 'Mr.', 'Vandam','Rhett',NULL,'1958-11-14','1990-12-20','901','675-8993',100);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (103, 'Ms.', 'Jones', 'Anne', 'M', '1974-10-16', '1994-08-28', '615', '898-3456', 100);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (104, 'Mr.', 'Lange', 'John', 'P', '1971-11-08', '1994-10-20', '901', '504-4430', NULL);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (105, 'Mr.', 'Williams','Robert','D','1975-03-14','1998-11-08','615','890-3220',NULL);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (106, 'Mrs.', 'Smith','Jeanine','K','1968-02-12','1989-01-05','615','324-7883',105);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (107, 'Mr.', 'Diante','Jorge','D','1974-08-21','1994-07-02','615','890-4567',105);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (108, 'Mr.', 'Wiesenbach','Paul','R','1966-02-14','1992-11-18','615','897-4358',NULL);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (109, 'Mr.', 'Smith', 'George', 'K', '1961-06-18', '1989-04-14', '901', '504-3339', 108);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (110, 'Mrs.', 'Genkazi','Leighla','W','1970-05-19','1990-12-01','901','569-0093', 108);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (111, 'Mr.', 'Washington','Rupert','E','1966-01-03','1993-06-21','615','890-4925',105);

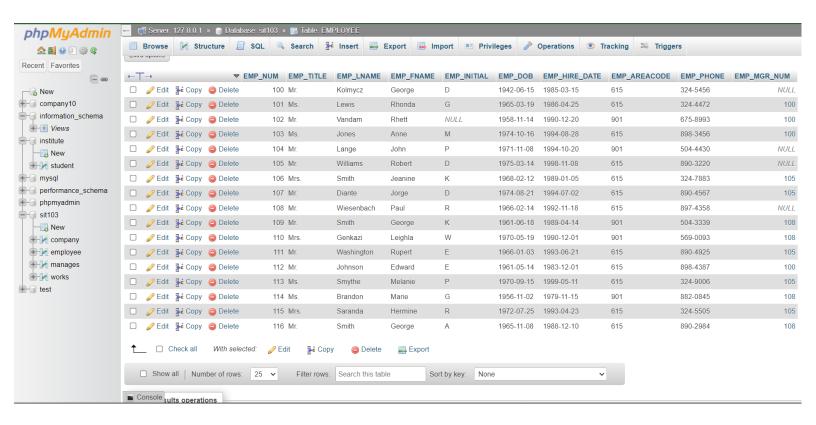
INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (112, 'Mr.', 'Johnson','Edward','E','1961-05-14','1983-12-01','615','898-4387',100);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (113, 'Ms.', 'Smythe','Melanie','P','1970-09-15','1999-05-11','615','324-9006',105);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (114, 'Ms.', 'Brandon', 'Marie', 'G', '1956-11-02', '1979-11-15', '901', '882-0845', 108);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (115, 'Mrs.', 'Saranda','Hermine','R','1972-07-25','1993-04-23','615','324-5505',105);

INSERT INTO `employee`(`EMP_NUM`, `EMP_TITLE`, `EMP_LNAME`, `EMP_FNAME`, `EMP_INITIAL`, `EMP_DOB`, `EMP_HIRE_DATE`, `EMP_AREACODE`, `EMP_PHONE`, `EMP_MGR_NUM`) VALUES (116, 'Mr.', 'Smith', 'George', 'A', '1965-11-08', '1988-12-10', '615', '890-2984', 108);

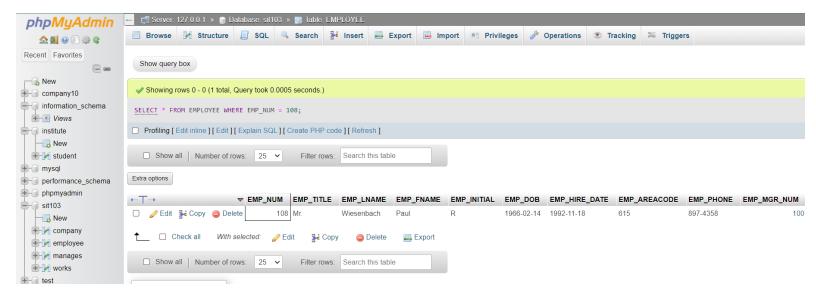


5.

UPDATE employee

SET EMP_MGR_NUM = 100

WHERE EMP_NUM = 108;



6.

DELETE FROM employee

WHERE EMP_MGR_NUM = 108;

