6.

insert into EMP(EMPNO,NAME,JOBNO,DEPTNO,COMM) values (10, 'CODD', 100, 50, NULL);

insert into EMP(EMPNO,NAME,JOBNO,DEPTNO,COMM) values (20, 'NAVATHE', 200, 50, 450);

insert into EMP(EMPNO,NAME,JOBNO,DEPTNO,COMM) values (30, 'ELMASRI', 300, 60, NULL);

insert into EMP(EMPNO,NAME,JOBNO,DEPTNO,COMM) values (40, 'DATE', 100, 50, NULL);

insert into JOB(JOBCODE, JOB\_DESCR, SAL) values (100, 'SALESMAN', 2000);

insert into JOB(JOBCODE, JOB\_DESCR, SAL) values (200, 'ANALYST', 2000);

insert into JOB(JOBCODE, JOB\_DESCR, SAL) values (300, 'DBA', 3000);

insert into DEPT(DEPTNO, DNAME, LOC) values (50, 'SALES', 'ATHENS');

insert into DEPT(DEPTNO, DNAME, LOC) values (60, 'ACCOUNTING', 'ATHENS');

insert into DEPT(DEPTNO, DNAME, LOC) values (70, 'PAYROL', 'VOLOS');

9.

ALTER TABLE JOB MODIFY JOB\_DESCR VARCHAR(30);

10.

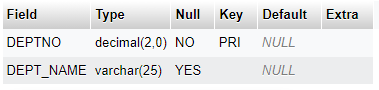
ALTER TABLE DEPT DROP LOC;

11.

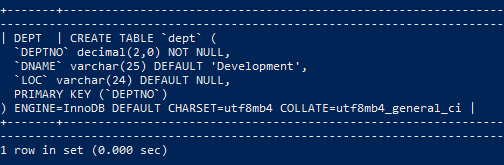
ALTER TABLE DEPT CHANGE DNAME DEPT\_NAME VARCHAR(25);

12.

alter table DEPT add constraint pk\_DEPTNO primary key (DEPTNO);

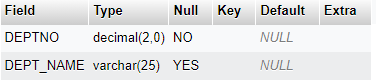


SHOW CREATE TABLE DEPT;

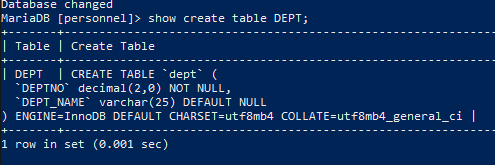


13.

ALTER TABLE DEPT DROP PRIMARY KEY;



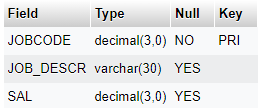
SHOW CREATE TABLE DEPT;



14.

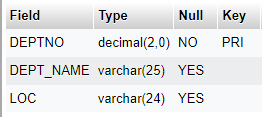
ALTER TABLE JOB ADD CONSTRAINT PK\_JOB PRIMARY KEY (JOBCODE);

DESCRIBE JOB;



ALTER TABLE DEPT ADD CONSTRAINT pk\_DEPTNO PRIMARY KEY (DEPTNO);

DESCRIBE DEPT;

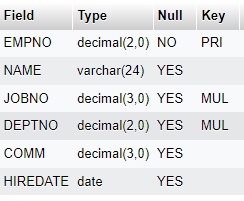


ALTER TABLE EMP ADD CONSTRAINT PK\_EMP PRIMARY KEY (EMPNO);

ALTER TABLE EMP ADD CONSTRAINT FK\_EMP1 FOREIGN KEY (JOBNO) REFERENCES JOB(JOBCODE);

ALTER TABLE EMP ADD CONSTRAINT FK\_EMP2 FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO);

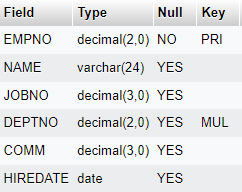
DESCRIBE EMP;



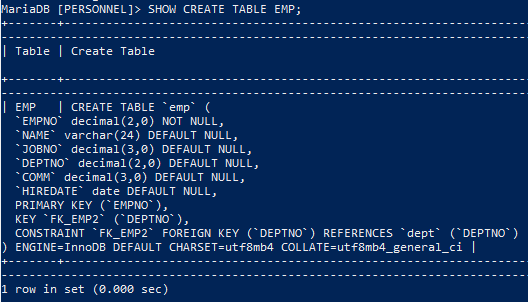
15.

ALTER TABLE EMP DROP FOREIGN KEY FK\_EMP1;

DESCRIBE EMP;

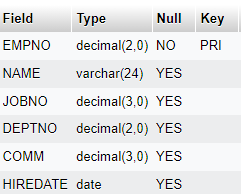


SHOW CREATE TABLE EMP;

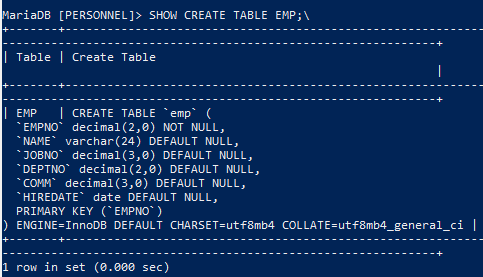


ALTER TABLE EMP DROP FOREIGN KEY FK\_EMP2;

DESCRIBE EMP;



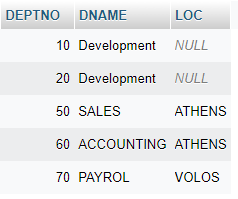
SHOW CREATE TABLE EMP;



16.

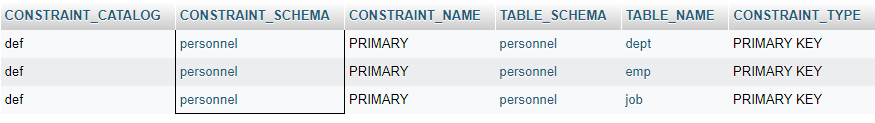
ALTER TABLE DEPT ALTER DNAME SET DEFAULT 'Development';

insert into DEPT(DEPTNO) values (10), (20);



17.

select \* from INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS where CONSTRAINT\_SCHEMA='personnel';



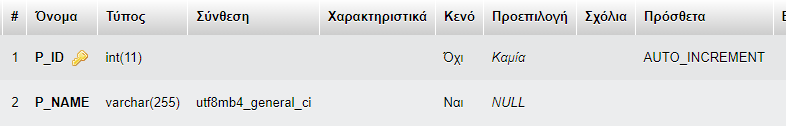
18.

CREATE TABLE PROJECT(

P\_ID INT,

P\_NAME VARCHAR(255));

ALTER TABLE PROJECT CHANGE P\_ID P\_ID INT NOT NULL AUTO\_INCREMENT PRIMARY KEY;



19.

INSERT INTO PROJECT(P\_NAME) VALUES ('NIKOS');

SELECT \* FROM PROJECT;



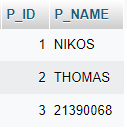
INSERT INTO PROJECT(P\_NAME) VALUES ('THOMAS');

SELECT \* FROM PROJECT;



INSERT INTO PROJECT(P\_NAME) VALUES ('21390068');

SELECT \* FROM PROJECT;



20.

ALTER TABLE PROJECT AUTO\_INCREMENT = 200;

INSERT INTO PROJECT(P\_NAME) VALUES ('NIKOS');

SELECT \* FROM PROJECT;

INSERT INTO PROJECT(P\_NAME) VALUES ('THOMAS');

SELECT \* FROM PROJECT;



INSERT INTO PROJECT(P\_NAME) VALUES ('21390068');

SELECT \* FROM PROJECT;

