use store\_procedures;

create table person (

id int not null auto\_increment primary key,

name\_person varchar(50),

gender char(1),

birth\_date date

);

DROP PROCEDURE IF EXISTS insert\_person\_pcd;

DELIMITER $$

CREATE PROCEDURE insert\_person\_pcd(

p\_id int,

p\_name\_person varchar(50),

p\_gender char(1),

p\_birth\_date date

)

BEGIN

INSERT INTO person (name\_person, gender, birth\_date) VALUES (p\_name\_person, p\_gender, p\_birth\_date);

SELECT \* FROM person;

END $$

$$

CALL insert\_person\_pcd(0, 'Natan', 'macho', '2000-10-22');

CALL insert\_person\_pcd(0, 'Diana', 'femea', '2003-03-22');

CREATE VIEW view\_gender\_masc AS

SELECT \* FROM person WHERE gender = 'MACHO' OR gender = 'macho';

CREATE VIEW view\_gender\_femea AS

SELECT \* FROM person WHERE gender = 'FEMEA' OR gender = 'femea';

select \* from view\_gender\_masc;

select \* from view\_gender\_femea;

select current\_date() - date('2000-10-11');

DROP PROCEDURE IF EXISTS count\_gender\_pcd;

DELIMITER $$

CREATE PROCEDURE count\_gender\_pcd()

BEGIN

SELECT \* FROM

(SELECT count(id) as 'quantidade homens' FROM view\_gender\_masc) quantidade\_homens

JOIN

(SELECT count(id) as 'quantidade mulheres' FROM view\_gender\_femea) quantidade\_mulheres;

END

$$

CALL count\_gender\_pcd();

DROP PROCEDURE IF EXISTS conferere\_idade;

DELIMITER $$

CREATE PROCEDURE conferere\_idade()

BEGIN

SELECT \* FROM

(SELECT name\_person as "homens maiores de idade" FROM view\_gender\_masc WHERE YEAR(current\_date()) - YEAR(birth\_date) >= 18) as homem\_maior\_idade

JOIN

(SELECT name\_person as "homens menores de idade" FROM view\_gender\_masc WHERE YEAR(current\_date()) - YEAR(birth\_date) < 18) as homem\_menor\_idade

JOIN

(SELECT name\_person as "mulheres maiores de idade" FROM view\_gender\_femea WHERE YEAR(current\_date()) - YEAR(birth\_date) >= 18) as mulher\_maior\_idade

JOIN

(SELECT name\_person as "mulheres menores de idade" FROM view\_gender\_femea WHERE YEAR(current\_date()) - YEAR(birth\_date) < 18) as mulher\_menor\_idade;

END

$$

CALL conferere\_idade();

DROP PROCEDURE IF EXISTS math\_operations\_pcd;

DELIMITER $$

CREATE PROCEDURE math\_operations\_pcd(

number1 int,

number2 int

)

BEGIN

SELECT (number1 + number2) as 'somar', (number1 - number2) as 'diminiuir', (number1 \* number2) as 'multiplicar', (number1 / number2) as 'dividir';

END

$$

CALL math\_operations\_pcd(1, 2);