use gt41\_42e;

create table staff(

id int primary key auto\_increment,

firstname varchar(100) not null,

lastname varchar(100) not null,

position varchar(100),

age int check (age between 0 and 110),

has\_child char(1) check(has\_child in ('Y','N')),

username varchar(100) unique

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Anna'

, 'Khachaturyan'

, 'Senior Teacher'

, 22

, 'N'

, 'annakhach5'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Tom'

, 'Austin'

, 'Junior Blogger'

, 25

, 'Y'

, 'tom12345'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Bill'

, 'Lorentz'

, 'Junior Web Developer'

, 40

, 'Y'

, 'billt1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Lily'

, 'May'

, 'Junior Backend Developer'

, 25

, 'Y'

, 'lil12'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Nona'

, 'Lucky'

, 'Junior Teacher'

, 20

, 'N'

, 'LuckyNona'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

( 'Nancy'

, 'Greenberg'

, 'Middle UI Designer'

, 32

, 'Y'

, 'nancy1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Daniel'

, 'Faviet'

, 'Senior UX Designer'

, 43

, 'Y'

, 'favietD'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Ally'

, 'Austin'

, 'Junior UI Designer'

, 28

, 'N'

, 'ally1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Lily'

, 'Chen'

, 'Senior Teacher'

, 25

, 'Y'

, 'lilychen'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Anna'

, 'Austin'

, 'Middle Teacher'

, 34

, 'Y'

, 'anna28'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Alexander'

, 'Lorentz'

, 'Junior Backend Developer'

, 25

, 'N'

, 'alex12345'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Ashley'

, 'Lorentz'

, 'Junior UX Designer'

, 18

, 'N'

, 'lorentz99'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Tom'

, 'Lucky'

, 'Middle Blogger'

, 34

, 'Y'

, 'lucky78'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Ashley'

, 'Weiss'

, 'Junior Blogger'

, 18

, 'N'

, 'weiss11'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Tom'

, 'Weiss'

, 'Junior UI Designer'

, 18

, 'N'

, 'tom222'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Anna'

, 'Bloom'

, 'Middle UX Designer'

, 20

, 'N'

, 'bloom5'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Tom'

, 'Berg'

, 'Middle Teacher'

, 34

, 'N'

, 'tommy1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Ashley'

, 'Berg'

, 'Senior Teacher'

, 37

, 'N'

, 'ash89'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Lily'

, 'Weiss'

, 'Middle Blogger'

, 45

, 'N'

, 'lilyW1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Anna'

, 'Lorentz'

, 'Senior UX Designer'

, 31

, 'N'

, 'annlo1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Ashley'

, 'Weiss'

, 'Middle UX Designer'

, 18

, 'N'

, 'weiss1'

);

INSERT INTO Staff(firstname, lastname, position, age, has\_child, username) VALUES

('Anna'

, 'Keren'

, 'Junior UX Designer'

, 34

, 'N'

, 'annaK1'

);

-- Получить всю таблицу

select \* from staff;

-- Найти список работников, которым больше 30 лет и у них нет детей

select \* from staff

where age>30 and has\_child like 'N';

-- Найти список работников, у которых средний уровень должности и им больше 20 лет,

select \* from staff

where position like '%Middle%' and age > 20;

-- Найти список работников, у которых имя начинается с буквы А и у них нет детей,

select \* from staff

where firstname like 'A%' and has\_child like 'N';

-- Найти список работников, которым меньше 25, у них младший уровень должности и у них нет

-- детей,

select \* from staff

where age<25 and position like '%Junior%' and has\_child like 'N';

-- Найти список работников с именем Анна, у которых уровень должности либо средний, либо

-- старший,

select \* from staff

where firstname like 'Anna' and (position like '%Middle%' or position like '%Senior%');

-- Найти всех блогеров,

select \* from staff

where position like '%Blogger%';

-- Найти всех преподавателей, у которых есть дети,

select \* from staff

where position like '%teacher%' and has\_child like 'Y';

-- Найти всех дизайнеров, которым меньше 40,

select \* from staff

where position like '%designer%' and age<40;

-- Найти всех Томов со средним уровнем должности,

select \* from staff

where firstname like 'Tom' and position like '%Middle%';

-- Найти всех с фамилией Лоренц у который нет детей, и они молодые работники (младший

-- уровень должности),

select \* from staff

where lastname like 'Lorentz' and has\_child like 'N' and position like '%Junior%';

-- Найти список работников, у который юзернейм заканчивается на ‘1’,

select \* from staff

where username like '%1';

-- Найти список работников в возрасте от 20 до 30 лет, у которых младший уровень должности.

select \* from staff

where age between 20 and 30 and position like '%Junior%';