-- select name, surname and access\_level of all admin

SELECT u.users\_name , u.users\_surname, a.access\_level

FROM administrators as a

JOIN users as u ON u.id\_user = a.id\_admin

-- select name, surname of all doctors

SELECT u.users\_name , u.users\_surname

FROM doctors as d

JOIN users as u ON u.id\_user = d.id\_doctor

-- select name, surname and blood of all donors

SELECT u.users\_name , u.users\_surname, gb.group\_of\_bloods, rh.rh\_hactor

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN groups\_of\_bloods as gb ON gb.id\_group = d.id\_group\_of\_blood

JOIN rh\_hactor\_of\_bloods as rh ON rh.id\_rh\_hactor = d.id\_th\_factor\_of\_blood

-- select name, surname of donors who have rating lower than 8

SELECT u.users\_name , u.users\_surname, d.service\_rating

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

WHERE d.service\_rating < 8

-- select users who without role

SELECT users\_name, users\_surname

FROM users

WHERE id\_user NOT IN (SELECT id\_doctor FROM doctors

UNION SELECT id\_donor FROM donors

UNION SELECT id\_admin FROM administrators)

-- select name, surname all of honorary donors

SELECT u.users\_name , u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

WHERE d.honorary\_donor = TRUE

-- select name, surname of donors who made free donations

SELECT DISTINCT u.users\_name , u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN schedule sc ON sc.id\_donor = d.id\_donor

JOIN donations don ON don.id\_donation = sc.id\_donation

WHERE don.free\_donation = TRUE

-- select name, surname of donors who made only free donations

SELECT DISTINCT u.users\_name, u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN schedule sc ON sc.id\_donor = d.id\_donor

WHERE (users\_name, users\_surname) NOT IN

(SELECT DISTINCT u.users\_name , u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN schedule sc ON sc.id\_donor = d.id\_donor

JOIN donations don ON don.id\_donation = sc.id\_donation

WHERE don.free\_donation = FALSE)

-- select name, surname of donors who did not make donations

SELECT DISTINCT u.users\_name, u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

WHERE (users\_name, users\_surname) NOT IN

(SELECT DISTINCT u.users\_name , u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN schedule sc ON sc.id\_donor = d.id\_donor)

-- select name, surname of donors who have O- group of blood

SELECT DISTINCT u.users\_name, u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN groups\_of\_bloods gb ON gb.id\_group = d.id\_group\_of\_blood

JOIN rh\_hactor\_of\_bloods rh ON rh.id\_rh\_hactor = d.id\_th\_factor\_of\_blood

WHERE gb.group\_of\_bloods = 'O' AND rh.rh\_hactor = '-'

-- select name, surname of doctors who worked in august

SELECT DISTINCT u.users\_name, u.users\_surname

FROM doctors as d

JOIN users as u ON u.id\_user = d.id\_doctor

JOIN schedule sch ON sch.id\_doctor = d.id\_doctor

WHERE EXTRACT(MONTH FROM sch.datatime) = 08

-- select name, surname of doctors who worked only in august

SELECT DISTINCT u.users\_name, u.users\_surname

FROM doctors as d

JOIN users as u ON u.id\_user = d.id\_doctor

JOIN schedule sch ON sch.id\_doctor = d.id\_doctor

WHERE (u.users\_name, u.users\_surname) NOT IN

(SELECT DISTINCT u.users\_name, u.users\_surname

FROM doctors as d

JOIN users as u ON u.id\_user = d.id\_doctor

JOIN schedule sch ON sch.id\_doctor = d.id\_doctor

WHERE EXTRACT(MONTH FROM sch.datatime) = 09)

-- select name, surname of donors who visited "Таисию Куприянову"

SELECT DISTINCT u.users\_name, u.users\_surname

FROM donors as d

JOIN users as u ON u.id\_user = d.id\_donor

JOIN schedule sch ON sch.id\_donor = d.id\_donor

JOIN doctors doc ON doc.id\_doctor = sch.id\_doctor

WHERE doc.id\_doctor = (SELECT id\_doctor

FROM doctors as doc2

JOIN users as u ON u.id\_user = doc2.id\_doctor

WHERE (u.users\_name, u.users\_surname) = ('Таисия', 'Куприянова'))

-- select count of donors

SELECT COUNT(\*)

FROM donors

-- select average experience of doctors

SELECT AVG(experience\_in\_years)

FROM doctors

-- select name, surname of admin who have access level 3

SELECT DISTINCT u.users\_name, u.users\_surname

FROM administrators as ad

JOIN users as u ON u.id\_user = ad.id\_admin

WHERE ad.access\_level = 3