Задание 1.

1. SELECT s.user\_id,

s.group\_id,

t.teacher\_id,

t.email AS teacher\_email

FROM group\_student AS s

INNER JOIN teacher AS t

ON s.group\_id = t.group\_id

WHERE t.email = 'blanda.jamil@yahoo.com';

2. SELECT s.user\_id,

s.level,

u.user\_id,

u.user\_email AS user\_email

FROM student AS s

INNER JOIN users AS u

ON s.user\_id = u.user\_id

WHERE u.user\_email = 'gpagac@jacobs.com';

3. SELECT DISTINCT s.subject\_title,

s.subject\_id,

u.user\_id,

u.subject\_id AS subject\_id

FROM subject AS s

INNER JOIN users AS u

ON s.subject\_id = u.subject\_id

WHERE u.user\_id=11300;

4. SELECT DISTINCT g.user\_id,

g.group\_id,

s.user\_id,

s.level,

s.subject\_id AS subject\_id

FROM student AS s

INNER JOIN group\_student AS g

ON s.user\_id = g.user\_id

WHERE g.group\_id = 10;

Доп.задание

CREATE TABLE Positions (

id\_check INTEGER,

id\_pos INTEGER,

art CHAR(3),

quantity INTEGER

);

INSERT INTO Positions (id\_check, id\_pos, art, quantity)

VALUES

(1, 1, 'A1', 1),

(1, 2, 'A4', 3),

(1, 3, 'A2', 2),

(1, 4, 'A10', 1),

(1, 5, 'A8', 4),

(2, 1, 'A5', 1),

(2, 2, 'A7', 1),

(2, 3, 'A3', 2),

(3, 1, 'A2', 1),

(3, 2, 'A9', 1),

(3, 3, 'A5', 2),

(3, 4, 'A6', 1),

(3, 5, 'A3', 3),

(4, 1, 'A1', 3),

(4, 2, 'A2', 1),

(5, 1, 'A2', 1),

(5, 2, 'A8', 5),

(5, 3, 'A3', 1),

(5, 4, 'A4', 1),

(5, 5, 'A5', 1);

CREATE TABLE Products (

art CHAR(3),

product CHAR(50),

category CHAR(50)

);

INSERT INTO Products (art, product, category)

VALUES

('A1', 'кроссовки', 'обувь'),

('A2', 'кеды', 'обувь'),

('A3', 'сланцы', 'обувь'),

('A4', 'куртка', 'одежда'),

('A5', 'ветровка', 'одежда'),

('A6', 'шорты', 'одежда'),

('A7', 'палатка', 'туризм'),

('A8', 'коврик', 'туризм'),

('A9', 'спальник', 'туризм'),

('A10', 'рюкзак', 'туризм'),

('A11', 'туфли', 'обувь'),

('A12', 'солнечные очки', 'аксессуары');

1. SELECT DISTINCT Pr.category,

P.id\_pos,

P.id\_check AS id\_check

FROM Positions AS P

INNER JOIN Products AS Pr

ON P.art = Pr.art

WHERE P.id\_check = 3;

2. SELECT Pr.product,

P.id\_check,

Pr.art,

P.art

FROM Positions AS P

FULL OUTER JOIN Products AS Pr

ON Pr.art = P.art

WHERE P.id\_check IS NULL

3. SELECT COUNT(P.id\_check), Pr.category, sum(P.quantity), P.id\_check

FROM Positions AS P

JOIN Products AS Pr

ON P.art = Pr.art

WHERE Pr.category = 'обувь'

GROUP BY P.id\_check, Pr.category

HAVING SUM(P.quantity) > 2;

4. SELECT COUNT(P.id\_check), Pr.category, sum(P.quantity), P.id\_check

FROM Positions AS P

JOIN Products AS Pr

ON P.art = Pr.art

WHERE Pr.category = 'одежда'

GROUP BY P.id\_check, Pr.category

HAVING SUM(P.quantity) > 2;