***https://github.com/AVBukharina/Bukharina\_11-901.git***

***№1***

SELECT model, speed, hd

FROM PC

WHERE price<500;

***№2***

SELECT distinct maker

FROM Product

WHERE type = 'Printer';

***№3***

SELECT model, ram, screen

FROM Laptop

WHERE price > 1000;

***№4***

SELECT \*

FROM Printer

WHERE color = 'y';

***№5***

SELECT model, speed, hd FROM PC

WHERE (cd = '12x' OR cd = '24x') AND price < 600;

***№6***

SELECT distinct maker, speed

FROM Product

LEFT JOIN Laptop ON Product.model = Laptop.model

WHERE hd >= 10;

***№7***

SELECT PC.model, PC.price

FROM PC JOIN Product ON PC.model = Product.model

WHERE maker = 'B'

UNION

SELECT Laptop.model, Laptop.price

FROM Laptop

JOIN Product ON Laptop.model = Product.model

WHERE maker = 'B'

UNION

SELECT Printer.model, Printer.price

FROM Printer

JOIN Product ON Printer.model = Product.model

WHERE maker = 'B';

***№8***

SELECT distinct maker

FROM Product

WHERE type = 'PC' and maker not in(SELECT maker

FROM Product

WHERE type = 'Laptop');

***№9***

SELECT distinct maker

FROM Product

JOIN PC ON Product.model = PC.model

WHERE speed >= 450;

***№10***

SELECT model, price

FROM Printer

WHERE price = (SELECT MAX(price) FROM Printer);

***№11***

SELECT AVG(speed)

FROM PC;

***№12***

SELECT AVG(speed)

FROM Laptop

WHERE price > 1000;

***№13***

SELECT AVG(speed)

FROM PC

JOIN Product ON PC.model = Product.model

WHERE maker = 'A'№14;

***№14***

SELECT Classes.class, name, country

FROM Ships

JOIN Classes ON Classes.class = Ships.class

WHERE numGuns >= 10;

***№15***

SELECT hd

FROM PC

GROUP BY hd

HAVING COUNT(model) >= 2;

***№16***

SELECT distinct A.model as model, B.model as model, A.speed, A.ram

FROM PC as A, PC B

WHERE A.speed = B.speed AND A.ram = B.ram AND A.model > B.model;

***№17***

SELECT distinct Product.type, Laptop.model, Laptop.speed

FROM Laptop

JOIN Product ON Product.model = Laptop.model

WHERE laptop.speed < ALL(SELECT speed FROM PC);

***№18***

SELECT distinct Product.maker, Printer.price

FROM Printer

JOIN Product ON Product.model = Printer.model

WHERE price = (SELECT MIN(price) FROM Printer

WHERE color = 'y') AND color = 'y';

***№19***

SELECT maker, AVG(screen)

FROM Laptop

JOIN Product ON Product.model = Laptop.model

GROUP BY Product.maker;

***№20***

SELECT maker, COUNT(model)

FROM Product

WHERE type = 'PC'

GROUP BY maker

HAVING COUNT(model) >= 3;

***№21***

SELECT maker, MAX(price)

FROM PC

JOIN Product ON PC.model = Product.model

GROUP BY Product.maker;

***№22***

SELECT speed, AVG(price)

FROM PC

WHERE speed > 600

GROUP BY speed;

***№23***

SELECT Maker

FROM PC

JOIN Product ON Pc.model = Product.model

WHERE speed >= 750

INTERSECT SELECT maker FROM Laptop

JOIN Product ON Laptop.model = Product.model

WHERE speed >= 750;

***№24***

SELECT distinct model

FROM (SELECT model, price

FROM PC

UNION ALL

SELECT model, price

FROM Laptop

UNION ALL

SELECT model, price

FROM Printer) AS m

WHERE price in(SELECT MAX(price)

FROM (SELECT model, price

FROM PC

UNION ALL

SELECT model, price

FROM Laptop

UNION ALL

SELECT model, price

FROM Printer) AS m);

***№27***

SELECT maker, AVG(hd)

FROM Product

JOIN PC ON Product.model = PC.model

WHERE maker in(SELECT maker

FROM Product

WHERE type = 'Printer')

GROUP BY maker№28;

***№28***

SELECT COUNT(maker)

FROM(SELECT maker

FROM Product

GROUP BY maker

HAVING COUNT(model) = 1) AS a;

***№31***

SELECT class, country

FROM CLasses

WHERE bore >= 16;

***№33***

SELECT ship

FROM Outcomes

WHERE battle = 'North Atlantic' AND result = 'sunk';

***№34***

SELECT distinct name

FROM Classes, Ships

WHERE displacement > 35000 AND launched >= 1922 AND type = 'bb' AND Ships.class = Classes.class;

***№35***

SELECT model, type

FROM Product

WHERE model NOT LIKE '%[^0-9]%' OR model NOT LIKE

'%[^A-Z]%' OR model NOT LIKE '%[^a-z]%';