1. select \* from skillbox.Students order by registration\_date asc;

2. select Courses.name, Courses.price, Courses.duration, Courses.students\_count

from skillbox.Courses where Courses.students\_count>4 and Courses.duration>10 order by Courses.price desc limit 5;

3. (select Students.name, Students.age from skillbox.Students order by age limit 3)

union all

(select Teachers.name, Teachers.age from skillbox.Teachers order by age desc limit 3)

union all

(select Courses.name, Courses.duration from skillbox.Courses order by duration desc limit 3);

4. select avg(age) from skillbox.Teachers where salary >10000;

5. select sum(Courses.price) from skillbox.Courses where type = "DESIGN";

6. select sum(Courses.duration) \* 60 as duration\_programming\_minutes from skillbox.Courses where type = "PROGRAMMING";

7. select PurchaseList.student\_name, sum(Courses.duration) from skillbox.PurchaseList

join skillbox.Courses on Courses.name = PurchaseList.course\_name group by PurchaseList.student\_name;

8. select Teachers.name as teacher\_name, (select avg(Students.age) from skillbox.Students where Students.age > 0)

as average\_student\_age from skillbox.Teachers;

9. select Courses.type, avg(Teachers.salary) from skillbox.Courses

join skillbox.Teachers on Courses.teacher\_id = Teachers.id

group by Courses.type;

10. select Animals.id, Animals.name, Animals.type, Zoo.city from Animals

join Zoo on Animals.id = Zoo.animals\_id and Zoo.city = 'Novosibirsk' and Animals.type = 'predator';

11. select Zoo.city, count(Animals.id) from Zoo

join Animals on Zoo.animals\_id = Animals.id

group by Zoo.city

having count(Animals.id) > 2;

12. select Zoo.city from Zoo

where Zoo.city not in

(select Zoo.city from Zoo, Animals where Zoo.animals\_id = Animals.id and Animals.type = 'predator')

group by Zoo.city;