Примеры SQL-запросов к удаленной БД

Задания взяты с сайта sql-academy.org

Пример 1.

Задание:

Сколько и кто из семьи потратил на развлечения (entertainment). Вывести статус в семье, имя, сумму

Решение:

SELECT status, member\_name, SUM(unit\_price\*amount) AS costs

FROM FamilyMembers

INNER JOIN Payments JOIN Goods JOIN GoodTypes

ON FamilyMembers.member\_id = Payments.family\_member AND Payments.good = Goods.good\_id AND Goods.type = GoodTypes.good\_type\_id

WHERE good\_type\_name = 'entertainment'

GROUP BY member\_name, status

Пример 2.

Задание:

Найдите максимальный возраст (колич. лет) среди обучающихся 10 классов

Решение:

SELECT MAX(((YEAR(CURRENT\_DATE) - YEAR(birthday)) - (DATE\_FORMAT(CURRENT\_DATE, '%m%d') < DATE\_FORMAT(birthday, '%m%d')))) as max\_year

FROM Student

INNER JOIN Student\_in\_class JOIN Class ON Student.id = Student\_in\_class.student AND Student\_in\_class.class = Class.id

WHERE name LIKE '%10%'

Пример 3.

Задание:

Какой(ие) кабинет(ы) пользуются самым большим спросом?

Решение:

SELECT classroom FROM (

SELECT classroom, COUNT(\*) AS cnt FROM Schedule

GROUP BY classroom) AS cnt

WHERE cnt = (SELECT MAX(cnt) FROM (

SELECT classroom, COUNT(\*) AS cnt FROM Schedule

GROUP BY classroom) AS cnt)