1. Создаем таблицу через скрипты

```sql
1 CREATE TABLE group_ (
2 id INTEGER PRIMARY KEY,
3 name VARCHAR(255) NOT NULL UNIQUE,
4 description VARCHAR(255));
5
6
7 CREATE TABLE student (
8 id INTEGER PRIMARY KEY,
9 name VARCHAR(255),
10 group_id INTEGER REFERENCES student_group (id) NOT NULL);
11
12 CREATE TABLE student_marks (
13 student_id INTEGER REFERENCES student (id),
14 math_mark_average FLOAT,
15 physics_mark_average FLOAT,
16 python_mark_average FLOAT);
```

2. Заполняем данными

```sql
1 INSERT INTO group_ (id, name, description) VALUES (1, 'bpi2401', 'best group');
2 INSERT INTO group_ (id, name, description) VALUES (2, 'bpi2402', 'not best group');
3
4 INSERT INTO student (id, name, group_id) VALUES (1, 'Ivan', 1);
5 INSERT INTO student (id, name, group_id) VALUES (2, 'Vova', 1);
6 INSERT INTO student (id, name, group_id) VALUES (3, 'Sergey', 1);
7
8 INSERT INTO student (id, name, group_id) VALUES (4, 'Alexey', 2);
9 INSERT INTO student (id, name, group_id) VALUES (5, 'Viktor', 2);
10 INSERT INTO student (id, name, group_id) VALUES (6, 'Egor', 2);
11
12 INSERT INTO student_marks VALUES (1, 5, 5, 5);
13 INSERT INTO student_marks VALUES (2, 5, 4.8, 4.9);
14 INSERT INTO student_marks VALUES (3, 4.9, 4.9, 4.9);
15
16 INSERT INTO student_marks VALUES (4, 3, 3, 3);
17 INSERT INTO student_marks VALUES (5, 3.3, 3.3, 3.3);
18 INSERT INTO student_marks VALUES (6, 2, 2, 2);
```

3. Запросы с фильтрацией

```sql
1 SELECT * FROM group_
```

id	name	description
1	bpi2401	best group
2	bpi2402	not best group

```
1 SELECT * FROM student
2 WHERE group_id = 1;
```

id	name	group_id
1	Ivan	1
2	Vova	1
3	Sergey	1

```
1 SELECT * FROM student_marks
2 WHERE math_mark_average = 5;
```

student_id	math_mark_a...	physics_mar...	python_mark_aver...
1	5	5	5
2	5	4.8	4.9