

```
CREATE TABLE salary (  
    teacher_id INTEGER,  
    salary_amt NUMERIC(16,2),  
    salary_val CHAR(3)  
);
```

```
CREATE TABLE rooms (  
    room_id INTEGER,  
    teacher_id INTEGER,  
    floor_num INTEGER  
);
```

```
INSERT INTO salary (teacher_id, salary_amt, salary_val)  
VALUES  
(965, 70000, 'RUR'),  
(29091, 100000, 'RUR'),  
(29410, 1000, 'EUR'),  
(33576, 1800, 'USD'),  
(33902, 1200, 'EUR');
```

```
INSERT INTO rooms (room_id, teacher_id, floor_num)  
VALUES  
(1, 965, 1),  
(2, 29091, 1),  
(3, 29410, 1),  
(10, 33576, 2),  
(11, 33902, 2);
```

```
SELECT * FROM rooms;
```

```
SELECT teacher_id, room_id FROM rooms WHERE floor_num=2;
```

```
SELECT * FROM salary;
```

```
SELECT teacher_id FROM salary WHERE salary_val='EUR';
```

```
SELECT rooms.room_id, rooms.floor_num, salary.salary_amt, salary.salary_val FROM rooms  
JOIN salary ON rooms.teacher_id=salary.teacher_id;
```

```
CREATE TABLE posts (post_id INTEGER, text_len INTEGER, post_date DATE);
```

```
CREATE TABLE tags (post_id INTEGER, tag VARCHAR);
```

```
INSERT INTO posts (post_id, text_len, post_date) VALUES
```

```
(1, 6799, '09.03.2023'),  
(2, 7800, '12.03.2023'),  
(3, 6907, '19.03.2023'),  
(4, 8890, '22.03.2023'),  
(5, 9802, '30.03.2023');
```

```
INSERT INTO tags (post_id, tag) VALUES  
(1, 'nofilter'),  
(2, 'happy'),  
(3, 'joy'),  
(4, 'music'),  
(5, 'dark');
```

```
SELECT * FROM posts WHERE text_len >= 8000;
```

```
SELECT post_id FROM tags WHERE tag = 'happy' OR tag = 'joy';
```

```
SELECT post_id FROM posts WHERE post_date < '10.03.2023';
```

```
INSERT INTO posts VALUES (6, 10782, '31.03.2023');  
SELECT * FROM posts WHERE post_id = 6;
```

```
INSERT INTO tags VALUES (6, 'love');  
SELECT * FROM tags WHERE post_id = 6;
```

```
UPDATE tags SET tag = 'live' WHERE post_id = 5;  
SELECT * FROM tags WHERE post_id = 5;
```

```
SELECT posts.text_len, posts.post_date, tags.tag FROM tags LEFT JOIN posts ON  
posts.post_id = tags.post_id;
```