Колонки и строки

```sql
SELECT *
FROM band
```

```sql
SELECT band_id, name
FROM band
WHERE band_id = 93
```

Соединение таблиц

```sql
SELECT a.album_id, a.name,
       a.band_id, b.name as band_name
FROM album as a
INNER JOIN band  as b
ON a.band_id = b.band_id
```

```sql
SELECT a.album_id, a.name,
       a.band_id, b.name as band_name
FROM album as a
LEFT OUTER JOIN band  as b
ON a.band_id = b.band_id
```

Значения NULL

```sql
SELECT id, name, parent_id
FROM music_instrument
WHERE parent_id IS NULL
```

DISTINCT

```sql
SELECT DISTINCT year
FROM album
```

```sql
SELECT COUNT(DISTINCT year)
FROM album
```

Подзапросы

```sql
SELECT *
FROM band
WHERE
  band_id IN (SELECT id
              FROM list1
             )
```

```sql
SELECT *
FROM
    (SELECT band_id, name
     FROM band
     WHERE year >= 1980
    ) as p
WHERE
    p.band_id between 10 and 20
```

Агрегация

```sql
SELECT COUNT(*)
FROM album
```

```sql
SELECT year,
       COUNT(*)
FROM album
WHERE band_id > 0
GROUP BY year
HAVING COUNT(*)>2
ORDER BY 1
```

union, except, intersect

```sql
SELECT *
FROM album
UNION ALL
SELECT *
FROM album_archive
```

insert, update, delete

```sql
INSERT INTO band (band_id, name, year, comment)
VALUES (303, 'The Beatles', 1957, '');
```

```sql
INSERT INTO band (band_id, name, year)
SELECT …
FROM another_table;
```

```sql
UPDATE band
SET  comment = 'Rock band'
WHERE  name = 'Metallica'
```

```sql
UPDATE band as t
SET name = t2.name
FROM band_old as t2
WHERE t.band_id = t2.band_id
```

```sql
DELETE
FROM band
WHERE  name = 'Metallica'
```