

1. Used to specify which groups are to be displayed; restricts groups that do not meet group criteria: HAVING clause
2. Divides the rows in a table into groups: GROUP BY

1. A and D

2.

- a. 

```
SELECT manager_id
FROM employees
GROUP BY manager_id
HAVING AVG(salary) < 16000;
```
- b. 

```
SELECT cd_number, COUNT(title)
FROM d_cds
WHERE cd_number < 93
GROUP BY cd_number;
```
- c. 

```
SELECT ID, MAX(ID), artist AS Artist
FROM d_songs
WHERE duration IN ('3 min', '6 min', '10 min')
GROUP BY artist, ID
HAVING ID < 50;
```
- d. 

```
SELECT loc_type, rental_fee AS Fee
FROM d_venues
WHERE id < 100
GROUP BY loc_type, rental_fee
ORDER BY 2;
```

3. 

```
SELECT MAX(song_id)
FROM d_track_listings
WHERE track IN (1, 2, 3);
```

4.

- a. True
- b. False
- c. False

5. 

```
SELECT department_id, MAX(AVG(salary)) AS max_avg_salary, MIN(AVG(salary)) AS
min_avg_salary
FROM employees
GROUP BY department_id;
```
6. 

```
SELECT AVG(max_salary)
```
7. 

```
FROM (SELECT department_id, MAX(salary) AS max_salary
FROM employees
GROUP BY department_id) subquery;
```