

sql-select-queries

```
select b.id, title, p.name, a.name, amazon_rating
from Book b, Publisher p, Author a, Book_Author ba
where b.publisher_id = p.id and b.id = ba.book_id
and ba.author_id = a.id;
```

GROUP BY

```
select b.id, title, p.name, a.name, amazon_rating
from Book b, Publisher p, Author a, Book_Author ba
where b.publisher_id = p.id and b.id = ba.book_id
and ba.author_id = a.id
group by b.id;
```

```
select b.id, title, p.name, GROUP_CONCAT(a.name
SEPARATOR ','), amazon_rating
from Book b, Publisher p, Author a, Book_Author ba
where b.publisher_id = p.id and b.id = ba.book_id
and ba.author_id = a.id
group by b.id;
```

Other queries:

HAVING CLAUSE (additional qualification in each group) & Aggregator Operator COUNT

```
select b.id, title, p.name, GROUP_CONCAT(a.name
SEPARATOR ','), amazon_rating
from Book b, Publisher p, Author a, Book_Author ba
where b.publisher_id = p.id and b.id = ba.book_id
and ba.author_id = a.id
group by b.id
HAVING count(b.id) > 1;
```

ORDER BY:

```
select b.id, title, p.name, GROUP_CONCAT(a.name
SEPARATOR ','), amazon_rating
from Book b, Publisher p, Author a, Book_Author ba
```

sql-select-queries

```
where b.publisher_id = p.id and b.id = ba.book_id  
and ba.author_id = a.id  
group by b.id  
ORDER BY amazon_rating DESC;
```

```
amazon_rating >= 4.5
```

```
select b.id, title, p.name, GROUP_CONCAT(a.name  
SEPARATOR ',') AS authors, amazon_rating  
from Book b, Publisher p, Author a, Book_Author ba  
where b.publisher_id = p.id and b.id = ba.book_id  
and ba.author_id = a.id and amazon_rating >= 4.5  
group by b.id  
ORDER BY amazon_rating DESC;
```

```
a.name like '%bloch'
```

```
select b.id, title, p.name, GROUP_CONCAT(a.name  
SEPARATOR ',') AS authors, amazon_rating  
from Book b, Publisher p, Author a, Book_Author ba  
where b.publisher_id = p.id and b.id = ba.book_id  
and ba.author_id = a.id and amazon_rating >= 4.5 and  
a.name like '%bloch'  
group by b.id  
ORDER BY amazon_rating DESC;
```