

**Emp id:- 2580031**

**Problem statement:-6**

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## **MySQL Data Aggregation Functions**

1.select count(book\_id) as NoOfBooks from books;

2.select released\_year, count(released\_year) as

NoOfBooks from books group by released\_year;

3.select sum(stock\_quantity) as totalNoofbooks from books;

4.select concat(author\_lname," ",

author\_fname) as author\_name,

round(avg(released\_year),2) from books group

by author\_name;

5.select concat(author\_lname," ", author\_fname)

as author\_name from books order by pages desc

limit 1;

6.select released\_year as year,

count(released\_year) as books,

round(avg(pages),2) as

avg\_pages from books group by

released\_year order by

released\_year asc;

7.select title, author\_fname, author\_lname,

released\_year from books group by title,

author\_fname, author\_lname, released\_year

having count(\*) > 1; 8.select \* from books where

book\_id % 2 != 0 order by book\_id; or

Referred google: To know how row\_number function

and subQueries works select \* from( select \*,

row\_number() over(order by book\_id) as row\_num

from books

)as defined\_rows

where

row\_num%2!=0

order by book\_id;

9.select \* from books

where book\_id % 2 = 0 order by book\_id; or select

\* from( select \*, row\_number() over(order by

book\_id) as row\_num from books

)as

defined\_rows

where

row\_num%2 = 0

order by

book\_id;

10.select \* from

books limit 10;

or select \* from

```
(select *, row_number() over(order by book_id) as  
row_num from books) as subPart where  
row_num<=10;
```