//Basic Queries//

`1.` Find Total number of customers in the database using the Function **totalCustomer** to make easier statistical view.

```
select distinct totalCustomer from customer;
```

`2.` Find average rating of a specific book where book id is given. Use **avgRating(b_id)** function to make smaller query.

```
select DISTINCT b_id, avgRating(b_id) from reviews
where b_id=1;
```

`3.` Show All purchase list/bills of ALL customers with purchase date, who have bought something.

```
select distinct purchase.c_id, order_count*unit_price,
purchase.PURCHASE_DATE
from purchase join books on(b_id= book_id)
ORDER BY c_id;
```

`4.` Show Total revenue of any specific customer as it is needed to update their discount level. Take user input for that.

```
select distinct customer.customer_name, purchase.c_id,
sum(order_count*unit_price)
from purchase join books on(b_id= book_id) join customer on(c_id =
customer_id)
where customer_name = '&customer_name'
group by customer.customer_name,purchase.c_id;
```

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5. Find the customer who has the most revenue , who has spent most to purchase books.

```
select distinct purchase.c_id, total
from purchase join books on(b_id= book_id)
where total = max(select sum(order_count*unit_price)
from purchase join books on(b_id= book_id));
```

`6.` Show all the reviews along with author,book title and review date of a specific book by all customers who have given a feedback. take user input.

```
select c_id,book_title,summery,review_date
from reviews join books on(b_id = book_id)
where b_id = '&b_id';
```

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7. Show all the Rent orders from all customers along with customer name and sort them by date of apply.

```
select customer_name,c_id, days, rent_date
from rent join customer on(c_id = customer_id)
order by rent_date;
```

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8. Show the wishlist for specific customer alongwith the info of the book.And customer should be able to put his/her customer id via hand input.

```
select book_title, b_id,c_id
from wishlist join books on(b_id=book_id)
where c_id = '&c_id';
```