

```
USE Zomato ;  
SHOW TABLES ;
```

```
select * from zomato.product;  
select * from zomato.goldusers_signup;  
select * from zomato.sales;  
select * from zomato.users;
```

```
/* Q1. What is the total amount each  
customer spends on zomato */
```

```
select a.userid, sum(b.price) as  
total_amount_spent  
from sales  
a inner join product b on a.product_id =  
b.product_id  
group by a.userid;
```

```
/* Q2. How many days has each  
coustomer visited zomato */
```

```
select userid, count(distinct
```

```
created_date)
as distinct_days
from sales
group by userid;
```

/* Q3. What was the First product purchased by each customer */

```
select * from (
    select *, rank()
    over(partition by userid order by
created_date) rnk
    from sales
)
a where rnk = 1;
```

/* Q4. What is the most purchased item on the menu and how many times it has been purchased by all the customers */

```
select userid,count(product_id) as count
from sales
where product_id =
```

```
(
select product_id from sales
group by product_id
order by count(product_id) desc
limit 1
)
group by userid;
```

/* Q5. Which item was the most popular
for each customer*/

```
select * from (
    select *,rank()
    over(partition by userid order by cnt
desc)
    rnk from
    (
        select userid, product_id,
count(product_id)cnt
        from sales group by
userid,product_id)a)b
where rnk = 1;
```

