1. Print all rows and columns of the dataset

```
describe customer;
describe order_line;
describe orders;
describe part;
describe sales_rep;
```

2. All rows, last name , first name, sales rep number, city from sales rep table

```
select last_name, first_name, sales_rep_num, city from sales_rep;
```

3. Select order and customer number from orders

```
select order_num, customer_num from orders;
```

4. Select only two rows from order line

```
select *from order_line
limit 2;
```

5. Select all of the entries from customer where sales rep num=20

```
select * from customer where sales_rep_num=20;
```

6. Select only customer name, balance, credit limit from customer where sales rep num=20

```
select customer_name, balance, credit_limit from customer where sales_rep_num=20;
```

7. Select part num, num ordered, quoted price and total price where total price is (num_ordered * quoted_price) where only 1 num ordered and the order number is 21617

```
select part_num, num_ordered, quoted_price,order_num, (num_ordered * quoted_price) as
'total price' from order_line

where order_num = 21617;
```

8. Show all the orders from order date between '2010-10-20' and '2010-10-22'

```
select * from orders where order_date between '2010-10-20' and '2010-10-22';
```

9. List all of parts where the part description starts with 'D' and end with 'er'

```
select * from part where part_description like 'D%' and part_description like '%er';
```

10. Show total balance from customer

```
select sum(balance) as "Total Balance"
from customer;
```

11. Show minimum balance from customer

```
select balance as 'Minimum Balance from customer'

from customer
```

```
order by balance asc

limit 1;

select min(balance) as 'Minimum Balance from customer'

from customer;
```

12. Count number of customers in customer table

```
select count(customer_name) "count of customer name" from customer;
select count(customer_num) "count of customer number" from customer;
```

13. Select order number where the quote price is more than 500 but less than 1000

```
select order_num from order_line where quoted_price>500 and quoted_price<1000;
```

14. Create a new table of customer name, last name, and first name from customer and sales rep table by matching up their primary key

```
 select c.customer_name, s.last_name, s.first_name, s.sales_rep_num
from customer c
join sales_rep s on s.sales_rep_num = c.sales_rep_num;
```

Project Submission: Upload a link to your GitHub repository for the project in the area provided in Moodle by the deadline specified