Q1. Write a query to display all the orders from the orders table issued by the salesman Paul Adam

```
405 • select o.order_no,o.purch_amt,o.ord_date,o.customer_id from orders o INNER JOIN salesman s on(o.salesman_id=s.salesman_id) and s.name='Paul adam';
406
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id |
|---|---|---|---|
| 70011 | 75.29 | 2012-08-17 | 3003 |

Q2. Write a query to display all the orders for the salesman who belongs to the city New York.

```
406 • select o.order_no,o.purch_amt,o.ord_date,o.customer_id from orders o INNER JOIN salesman s on(o.salesman_id=s.salesman_id) and s.city='New york';
407
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id |
|---|---|---|---|
| 70002 | 65.26 | 2012-10-05 | 3002 |
| 70005 | 2400.60 | 2012-07-27 | 3007 |
| 70008 | 5760.00 | 2012-09-10 | 3002 |
| 70013 | 3045.60 | 2012-04-25 | 3002 |

Q3. Write a query to find all the orders issued against the salesman who works for customer whose id is

3007.

```
408 • o.order_no,o.purch_amt,o.ord_date,o.customer_id from orders o INNER JOIN customer c on(o.customer_id=c.customer_id) INNER JOIN salesman s on(s.salesman_id=c.salesman_id) and c.customer_id=3007;
409
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id |
|---|---|---|---|
| 70005 | 2400.60 | 2012-07-27 | 3007 |

Q4. Write a query to display all the orders which values are greater than the average order value for

10th October 2012.

```
414 • select * from orders where purch_amt>(select avg(purch_amt) from orders where ord_date='2012-10-10');
415
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id | salesman_id |
|---|---|---|---|---|
| 70005 | 2400.60 | 2012-07-27 | 3007 | 5001 |
| 70008 | 5760.00 | 2012-09-10 | 3002 | 5001 |
| 70003 | 2480.40 | 2012-10-10 | 3009 | 5003 |
| 70013 | 3045.60 | 2012-04-25 | 3002 | 5001 |

Q5. Write a query to find all orders attributed to salesman in New york.

```
406 • select o.order_no,o.purch_amt,o.ord_date,o.customer_id from orders o INNER JOIN salesman s on(o.salesman_id=s.salesman_id) and s.city='New york';
407
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id |
|---|---|---|---|
| 70002 | 65.26 | 2012-10-05 | 3002 |
| 70005 | 2400.60 | 2012-07-27 | 3007 |
| 70008 | 5760.00 | 2012-09-10 | 3002 |
| 70013 | 3045.60 | 2012-04-25 | 3002 |

Q6. Write a query to display the commission of all the salesmen servicing customers in Paris.

```
411 • select s.salesman_id,s.city,s.commission,o.customer_id from salesman s INNER JOIN orders o on(s.salesman_id=o.salesman_id) and s.city='Paris';
412
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| salesman_id | city | commission | customer_id |
|---|---|---|---|
| 5002 | Paris | 0.13 | 3005 |
| 5002 | Paris | 0.13 | 3005 |
| 5006 | Paris | 0.14 | 3004 |
| 5002 | Paris | 0.13 | 3008 |

Q7. Write a query to display all the customers whose id is 2001 bellow the salesman ID of Mc Lyon.

```
412 • select * from customer where salesman_id<(select salesman_id from salesman where name='Mc lyon');
413
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| customer_id | cust_name | city | grade | salesman_id |
|---|---|---|---|---|
| 3002 | Nick Rimando | New York | 100 | 5001 |
| 3005 | Graham Zusi | California | 200 | 5002 |
| 3001 | Brad Guzan | London | 100 | 5005 |
| 3007 | Brad Davis | New York | 200 | 5001 |
| 3009 | Geoff Camero | Berlin | 100 | 5003 |
| 3008 | Julian Green | London | 300 | 5002 |

Q8. Write a query to counts the customers with grades above New York's average.

```
418 • select count(customer_id) from customer where grade > (select avg(grade) from customer where city = 'New York') group by grade;
419
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| count(customer_id) |
|---|
| 3 |
| 2 |

Q9. Write a query to display all customers with orders on October 5, 2012.

```
424 • select  o.ord_date,o.order_no,c.customer_id,c.cust_name from orders o INNER JOIN customer c on(c.customer_id=o.customer_id) and o.ord_date='2012-10-05';
425
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| ord_date | order_no | customer_id | cust_name |
|---|---|---|---|
| 2012-10-05 | 70002 | 3002 | Nick Rimando |
| 2012-10-05 | 70001 | 3005 | Graham Zusi |

Q10. Write a query to display all the customers with orders issued on date 17th August, 2012.

```
424 • select  o.ord_date,o.order_no,c.customer_id,c.cust_name from orders o INNER JOIN customer c on(c.customer_id=o.customer_id) and o.ord_date='2012-08-17';
425
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| ord_date | order_no | customer_id | cust_name |
|---|---|---|---|
| 2012-08-17 | 70004 | 3009 | Geoff Camero |
| 2012-08-17 | 70011 | 3003 | Jozy Altidor |

Q11. Write a query to find the name and numbers of all salesmene who had more than one customer.

```
426 • select s.name, s.salesman_id from salesman s
427   INNER JOIN customer c on(s.salesman_id= c.salesman_id)
428   group by s.salesman_id, s.name having count(c.customer_id)>1;
429
430 • select s.commission, c.city from customer c inner join salesman s on(c.city=s.city) where c.city="Paris";
431
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| name | salesman_id |
|---|---|
| James Hoog | 5001 |
| Nail Knite | 5002 |

Q12. Write a queries to find all orders with order amounts which is above-average amounts for their customers.

```
432 • select * from orders where purch_amt > (select avg(purch_amt) from orders);
433
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id | salesman_id |
|---|---|---|---|---|
| 70005 | 2400.60 | 2012-07-27 | 3007 | 5001 |
| 70008 | 5760.00 | 2012-09-10 | 3002 | 5001 |
| 70010 | 1983.43 | 2012-10-10 | 3004 | 5006 |
| 70003 | 2480.40 | 2012-10-10 | 3009 | 5003 |
| 70013 | 3045.60 | 2012-04-25 | 3002 | 5001 |

Q13. Write a queries to find all orders with order amounts which is on or above-average amounts for their customers.

```
432 • select * from orders where purch_amt >= (select avg(purch_amt) from orders);
433
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| order_no | purch_amt | ord_date | customer_id | salesman_id |
|---|---|---|---|---|
| 70005 | 2400.60 | 2012-07-27 | 3007 | 5001 |
| 70008 | 5760.00 | 2012-09-10 | 3002 | 5001 |
| 70010 | 1983.43 | 2012-10-10 | 3004 | 5006 |
| 70003 | 2480.40 | 2012-10-10 | 3009 | 5003 |
| 70013 | 3045.60 | 2012-04-25 | 3002 | 5001 |

Q14. Write a query to find the sums of the amounts from the orders table, grouped by date, eliminating

all those dates where the sum was not at least 1000.00 above the maximum order amount for that date.

Q15. Write a query to extract the data from the customer table if and only if one or more of the customers in the customer table are located in London.

Q16. Write a query to find the salesmen who have multiple customers.

Q17. Write a query to find all the salesmen who worked for only one customer.

Q18. Write a query that are extracts the rows of all salesmen who have customers with more than one

orders

Q19. Write a query to find salesman with customers located in their cities

Q20. Write a query to find salesman with customers located in their cities.