

1. From the above tables, write a SQL query to find all the orders issued by the salesman 'Paul Adam'. Display ord_no, purch_amt, ord_date, customer_id and salesman_id

```
SELECT *
FROM Order_details
WHERE salesman_id =
      (SELECT salesman_id
       FROM SALESMAN_details
       WHERE name='Paul Adam');
-----OutPut-----
ORD_NO      PURCH_AMT   ORD_DATE    CUSTOMER_ID SALESMAN_ID
70011 75.29      08/17/2012    3003         5007
-----
```

2. write a SQL query to find all the orders, which are generated by those salespeople, who live in the city of London. Display ord_no, purch_amt, ord_date, customer_id, salesman_id

```
SELECT *
FROM Order_details
WHERE salesman_id =
      (SELECT salesman_id
       FROM SALESMAN_details
       WHERE city='London');
-----OutPut-----
ORD_NO      PURCH_AMT   ORD_DATE    CUSTOMER_ID SALESMAN_ID
70009 270.65      09/10/2012    3001         5005
-----
```

3. write a SQL query to find the orders generated by the salespeople who may work for customers whose id is 3007. Display ord_no, purch_amt, ord_date, customer_id, salesman_id

```
SELECT *
FROM Order_details
WHERE salesman_id =
      (SELECT salesman_id
       FROM Order_details
       WHERE customer_id =3007);
-----OutPut-----
ORD_NO      PURCH_AMT   ORD_DATE    CUSTOMER_ID SALESMAN_ID
70005 2400.6      07/27/2012    3007         5001
70013 3045.6      04/25/2012    3002         5001
70002 65.26 05/10/2012    3002         5001
70008 5760 09/10/2012    3002         5001
-----
```

4. write a SQL query to find the order values greater than the average order value of 10th October 2012. Display ord_no, purch_amt, ord_date, customer_id, salesman_id.

```
SELECT *
FROM Order_details
WHERE purch_amt >
```

```
(SELECT AVG(purch_amt)
FROM Order_details
WHERE ord_date = '10/10/2012');
```

-----OutPut-----

ORD_NO	PURCH_AMT	ORD_DATE	CUSTOMER_ID	SALESMAN_ID
70005	2400.6	07/27/2012	3007	5001
70013	3045.6	04/25/2012	3002	5001
70008	5760	09/10/2012	3002	5001
70003	2480.4	10/10/2012	3009	5003

5.write a SQL query to find all the orders generated in New York city. Display ord_no, purch_amt, ord_date, customer_id and salesman_id

```
SELECT *
FROM Order_details
WHERE salesman_id IN
  (SELECT salesman_id
   FROM SALESMAN_details
   WHERE city = 'New York');
```

-----OutPut-----

ORD_NO	PURCH_AMT	ORD_DATE	CUSTOMER_ID	SALESMAN_ID
70005	2400.6	07/27/2012	3007	5001
70013	3045.6	04/25/2012	3002	5001
70002	65.26	05/10/2012	3002	5001
70008	5760	09/10/2012	3002	5001

6.write a SQL query to find the commission of the salespeople work in Paris City. Display commission.

```
SELECT commission
FROM SALESMAN_details
WHERE salesman_id IN
  (SELECT salesman_id
   FROM customer_details
   WHERE city = 'Paris');
```

-----OutPut-----

```
COMMISSION
.14
```
