

SAMPLE QUESTIONS FOR INTERNAL2

JOINS

1. find the salesperson and customer who reside in the same city. Return Salesman, cust_name and city.

```
SELECT s.salesman, c.cust_name, c.city
FROM salesman s
JOIN customer c ON s.city = c.city;
```

2. From the following tables write a SQL query to find those orders where the order amount exists between 500 and 2000. Return ord_no, purch_amt, cust_name, city.

```
SELECT o.ord_no, o.purch_amt, c.cust_name, c.city
FROM orders o
JOIN customer c ON o.cust_id = c.cust_id
WHERE o.purch_amt BETWEEN 500 AND 2000;
```

3. write a SQL query to find salespeople who received commissions of more than 12 percent from the company. Return Customer Name, customer city, Salesman, commission.

```
SELECT c.cust_name, c.city, s.salesman, s.commission
FROM salesman s
JOIN customer c ON s.salesman_id = c.salesman_id
WHERE s.commission > 12;
```

4. Write a SQL statement to join the tables salesman, customer and orders so that the same column of each table appears once and only the relational rows are returned.

```
SELECT s.salesman, c.cust_name, o.ord_no, o.purch_amt
FROM salesman s
JOIN customer c ON s.salesman_id = c.salesman_id
JOIN orders o ON c.cust_id = o.cust_id;
```

5. write a SQL query to display the customer name, customer city, grade, salesman, salesman city. The results should be sorted by ascending customer_id.

```
SELECT c.cust_name, c.city, c.grade, s.salesman, s.city AS salesman_city
FROM customer c
JOIN salesman s ON c.salesman_id = s.salesman_id
ORDER BY c.customer_id ASC;
```