

NO. _____

DATE _____

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Matric Number : B23C60034

Subject : Database (Lab 4)

SQL 4 - BDML 3

Part 1

1. SELECT * FROM sales_representative NATURAL JOIN sales_rep_addresses;

2. SELECT id, first_name, last_name, address_line_1, address_line_2, city, email,
phone_number;

Part 2

1. SELECT id, first_name, last_name, address_line_1, address_line_2, city, email,
phone_number

FROM sales_representative JOIN sales_rep_addresses

USING (id);

2. SELECT * FROM items JOIN price_history USING (itm_number);

Part 3

1. SELECT c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email,
s.id, s.first_name, s.last_name, s.email

FROM customers c JOIN sales_representatives s ON (c.sre_id = s.id);

Part 4

```

1. SELECT c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email,
        s.id, s.first_name, s.last_name, s.email, t.name
FROM customer c JOIN sales_representatives s ON
    c.sre_id = s.id
JOIN terms t
    ON c.term_id = t.id;

```

Part 5

```

1. SELECT c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email,
        s.id, s.first_name, s.last_name, s.email, t.name
FROM customer c JOIN sales_representatives s ON
    c.sre_id = s.id
WHERE c.ctr_number = '000001';

```

Part 6

```

1. SELECT 'The cost of the' || i.name || ' on this day' || p.price
        # as "cost"
FROM items i JOIN price_history p
    ON (i.item_number = p.item_number)
JOIN inventory_list l
    ON (l.id = i.item_id)
WHERE l.item_number = '10001001101045' AND
    p.start_date < '12-DEC-16' AND p.end_date > '12-DEC-16';

```

SQL 14 - DML 3 (Exercise 2)Part 1

```
1. SELECT rep.first_name || ' ' || rep.last_name "REP", super.first_name,  
        || ' ' || super.last_name "Supervisor"  
FROM Sales_representative rep JOIN Sales_representative super  
ON (rep.supervisor_id = super.id)
```

Part 2

```
1. SELECT * FROM teams < FULL OUTER JOIN customers  
ON (t.id = c.item_id);
```

Part 3

```
1. SELECT * FROM customers, sales_representatives;
```