

## SQL4 - DML3 (PART 1)

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### SECTION 06

#### PART 1

1. SELECT \* FROM sales\_representatives  
NATURAL JOIN sales\_rep\_addresses;
2. SELECT id, first\_name, last\_name, address\_line\_1, address\_line\_2, city, email, phone\_number  
FROM sales\_representatives NATURAL JOIN sales\_rep\_addresses;

#### PART 2

1. SELECT id, first\_name, last\_name, address\_line\_1, address\_line\_2, city, email, phone\_number  
FROM sales\_representatives JOIN sales\_rep\_addresses  
USING (id);
2. SELECT \* FROM items JOIN price\_history  
BT 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 AS "Customer Name", c.phone\_number,  
c.email AS "customer Email", s.id, s.first\_name || ' ' || s.last\_name AS "Sales Representatives  
Name", s.email AS "Sales Representatives Email", t.nama AS "Team Name".  
FROM customers c JOIN sales\_representatives s  
ON (c.sre\_id = s.id)  
JOIN teams t ON (c.tem\_id = t.id);

## PART 5

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1. SELECT c.ctr_number, c.first_name || ' ' || c.last_name AS "Customer Name", c.phone-  
number, c.email AS "Customer Email", s.id, s.first_name || ' ' || s.last_name AS  
"Sales Representatives Name", s.email AS "Sales Representatives Email", t.name  
AS "Team Name"  
FROM customers c JOIN sales_representatives s  
ON (c.sre_id = s.id)  
JOIN teams t  
ON (c.tem_id = t.id)  
AND (c.ctr_number = '00001');
```

## PART 6

```
1. SELECT 'The cost of the ' || i.name || ' on this day was ' || p.price AS "Item Price"  
FROM items i JOIN price_history p  
ON (i.item_number = p.item_number)  
WHERE i.item_number = '100101045' AND (TO_DATE('12-DEC-2016',  
'DD-MM-YYYY') BETWEEN p.start_date AND p.end_date);
```

## SQL4 - DML3 (PART 2)

### PART 1

1. SELECT r.first\_name || ' ' || r.last\_name AS "Rep", s.first\_name || ' ' ||  
s.last\_name AS "Supervisor"  
FROM sales\_representatives r JOIN sales\_representatives s ~~ON~~  
ON (r.supervisor\_id = s.id);

### PART 2

1. SELECT \* FROM teams RIGHT OUTER JOIN customers  
ON (teams.id = customers.team\_id);

### PART 3

1. SELECT \* FROM customers  
CROSS JOIN sales\_representatives;