

DML 3 Part 1Part 1

1) SELECT id, email, first\_name, last\_name, phone\_number, commission\_rate,  
supervisor\_id, id, address\_line\_1, address\_line\_2, city, zip\_code  
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 USING (item\_number)

Part 3

1) SELECT c.cust\_number, ~~c.first\_name~~, 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.src\_id = s.id)

Part 4

SELECT c.cust\_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.src\_id = s.id)  
JOIN items t ON c.item\_id = t.id

Part 5

SELECT c.cust\_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.src\_id = s.id)  
JOIN items t ON c.item\_id = t.id WHERE c.cust\_number = '000001'



No.:

Date:

Part C

```
SELECT 'The cost of this' || i.name || 'on this day was' || ph.price  
FROM items i JOIN price-history ph ON (i.item-number = ph.item-number)  
WHERE i.item-number = 'im01101045' AND TO_DATE ('2016-12-12',  
'YYYY-MM-DD') BETWEEN ph.start-date AND ph.end-date
```

DML 3 part 2Part 1

```
SELECT worker.first-name || worker.last-name, manager.first-name ||  
manager.last-name  
FROM sales-representatives worker JOIN sales-representatives manager  
ON (worker.id = manager.id)
```

Part 2

```
SELECT *  
FROM customers c LEFT OUTER JOIN teams t ON (c.team-id = t.id)
```

Part 3

```
SELECT *  
FROM customers, sales representatives.
```