

Exercise 1 (Sorry dr. Oracle problem)

P1

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

P2

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);

P3

1. 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 customer c
JOIN sales_representatives s
ON (c.src_id = s.id);

P4

1. 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 customer c
JOIN sales_representatives s
ON (c.src_id = s.id)
JOIN team t
ON (t.id = c.team_id);

P 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.  
  
FROM customer c  
JOIN sale_representatives s  
ON (c.src_id = s.id)  
JOIN team t  
ON (t.id = c.team_id);  
  
WHERE c.ctr_number = 'C00001';
```

Part 6

```
1. SELECT 'The Cost of the ' || i.name || ' on this day was ' || ph.price  
FROM items i  
JOIN price_history ph  
ON i.item_number = ph.item_number  
JOIN inventory_list it  
ON i.ilt_id = it.id  
WHERE i.item_number = 'im_01101045'  
AND TO_DATE('2016-12-12', 'YYYY-MM-DD') BETWEEN  
ph.start_date AND ph.end_date
```

Exercise 2

p1

```
1. SELECT worker.first_name || worker.last_name As 'Rep',  
           supervisor.first_name || supervisor.last_name As 'Supervisor'  
FROM sales_representatives worker  
JOIN sales_representatives supervisor  
ON (supervisor.supervisor_id = worker.id);
```

Part 2

```
1. SELECT * FROM team + LEFT OUTER JOIN customer c ON (t.id = c.team_id);
```

Part 3

```
1. SELECT * FROM customer CROSS JOIN sales_representatives;
```