

file 1

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_representative 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_representative NATURAL JOIN sales_rep_addresses;
USING (id);
- 2) SELECT * FROM items join price_history
USING (itm-number);

Part 3

```
SELECT c.ctr_number "cust num", c.email "email", c.first_name "nama first", c.last_name "nama last",  
       c.phone_number "number phone", s.id "ID", s.first_name "sales nama first", s.last_name "sales nama last",  
       s.email "sales email"  
FROM customers c JOIN sales_representatives s  
ON (c.sre_id = s.id);
```

Part 4

```
SELECT c.ctr_number "cust num", c.email "email", c.first_name "nama first", c.last_name "nama last",  
       c.phone_number "number phone", s.id "ID", s.first_name "sales nama first", s.last_name "sales nama last",  
       s.email "sales email"  
FROM customers c JOIN sales_representatives s  
ON (c.sre_id = s.id);  
  
JOIN teams t  
ON (t.id = s.tem_id)
```

Part 5

```
SELECT c.ctr_number "cust num", c.email "email", c.first_name "nama first", c.last_name "nama last",  
       c.phone_number "number phone", s.id "ID", s.first_name "sales nama first", s.last_name "sales nama",  
       s.email "sales email"  
  
FROM customers c JOIN sales_representatives s  
ON (c.sre_id = s.id);  
  
JOIN teams t  
ON (t.id = s.tem_id)  
  
AND c.ctr_number = '000001';
```

Part 6

```
SELECT 'The cost of the ' || i.name || ' on this day was ' || p.price "Phrases"  
  
FROM items i JOIN price_history p  
ON (i.item_number = p.item_number)  
  
AND p.start_date < '12-DEC-16';
```

FILE 2

Part 1

```
SELECT r.first_name || ' ' || r.last_name "Rep", s.first_name || ' ' || s.last_name "Supervisor"  
FROM sales_representatives r JOIN sales_representatives s  
ON (r.id = s.supervisor_id)
```

Part 2

```
SELECT t.id, t.name, t.number_of_players, t.discount,  
       c.ctr_number, c.email, c.first_name, c.last_name, c.phone_number, c.current_balance, c.sre_id,  
       c.tem_id, c.loyalty_card_number  
FROM teams t LEFT OUTER JOIN customers c  
ON (t.id = c.tem_id)
```

Part 3

```
SELECT * FROM customers  
CROSS JOIN sales_representatives
```