SQL 4 : DML 3

Part 1:

P1:

1) SELECT * From sales_representatives
Natural Join addresses;

2) SELECT s.id, s.First_name, s.last_name, a.address_line1
, a.address_line2, a.city, s.email, s.phone_number
From sales_representatives s
Natural Join addresses a;

P2:

1)
SELECT s.id, s.first_name, s.lastname, a.address_line1
, a.address_line2, a.city, s.email, s.phone_number
From sales_representatives s
Join addresses a using (address_id);

2)
SELECT * from items
Join price_history using (item_number);

P3:

1)
SELECT c.customer_number, c.First_name AS customer_first_name
, c.last_name AS customer_last_name, c.phone_number AS
customer_phone_number, c.email AS customer_email, s.id AS
sales_rep_id, s.firstname AS sales_rep_first_name, s.last_name
AS sales_rep_last_name, s.email AS sales_rep_email)
From customers c
Join sales_representatives s on c.sales_rep_id = s.id;

P4:

1)

SELECT c. customer-number, c.First-name AS customer first-name, c.last-name AS customer-last-name, c.Phone-number AS customer-Phone-number, c.email AS customer-email, S.id AS sales-rep-id, S.First-name AS sales-rep-First-name, S.last-name AS sales-rep-last-name, s.email AS sales-rep-email, t.team-name

From customers c
Join sales-representatives s on c.sales-rep-id=S.id
Join team t on c.team-id = t.team-id;

P5:

1)

SELECT c.customer-number, c.First-name AS customer-first-name, c.last-name AS customer-last-name, c.Phone-number AS customer-phone-number, c.email AS customer-email, S.id AS sales-rep-id, S.First-name AS sales-rep-first-name, S.last-name AS sales-rep-last-name, s.email AS sales-rep-email, t.team-name

From customers c
Join sales-representatives s on c.sales-rep-id=s.id
Join team t on c.team-id=t.team-id
Where c.customer-number = 'C00001';

P6:
1) SELECT 1.name, P.cost
From item 1
Join price-history P on 1.item-number=P.item-number
Where 1.item-number= 'imo1101045' and P.date='2016-12-12';

Part 2

P1:

1)

```sql
SELECT
    s.First_name || ' ' || s.last_name As rep,
    m.First_name || ' ' || m.last_name As supervisor
From
    sales_representatives s
Left Join
    sales_representatives m on s.supervisor_id = m.id;
```

P2:

1)

```sql
SELECT
    t.name_name,
    c.First_name || ' ' || c.last_name AS customer_name,
    c.Phone_number AS customer_phone
From
    team t
Full outer Join
    customer c on t.team_id = c.team_id;
```

P3:

1)

```sql
SELECT
    c.customer_id,
    c.First_name || ' ' || c.last_name AS customer_name,
    s.id AS sales_rep_id,
    s.First_name || ' ' || s.last_name AS sales_rep_name
From
    customer c
cross Join
    sales_representatives s;
```