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Matrix No: A22 EC 0212

Section: 06

PART 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-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.ctr-number "Customer Number", c.first-name "Customer first name",
c.last-name "Customer last name", c.phone-number "Customer phone number",
s.id "Sales Rep ID", s.first-name "Sales Rep first name", s.last-name
"Sales Rep last name", s.email "Sales Rep email"
FROM customers c JOIN sales-representatives s
ON (c.sre-id = s.id);
```

PART 4

1. `SELECT c.ctr-number "Customer Number", c.first-name "Customer first name",
c.last-name "Customer last name", c.phone-number "Customer phone number",
s.id "Sales Rep ID", s.first-name "Sales Rep first name", s.last-name
"Sales Rep last name", s.email "Sales Rep email", t.name "Team Name"
FROM customers c JOIN sales-representatives s
ON (c.sre-id = s.id)
JOIN teams t
ON (c.team-id = t.id);`

PART 5

1. `SELECT c.ctr-number "Customer Number", c.first-name "Customer first name",
c.last-name "Customer last name", c.phone-number "Customer phone number",
s.id "Sales Rep ID", s.first-name "Sales Rep first name", s.last-name
"Sales Rep last name", s.email "Sales Rep email", t.name "Team Name"
FROM customers c JOIN sales-representatives s
ON (c.sre-id = s.id)
JOIN teams t
ON (c.team-id = t.id)
WHERE c.ctr-number = 'L00001';`

PART 6

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

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 (r.supervisor-id = s.id);`

Part 2

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

Part 3

1. `SELECT * FROM customers, sales-representatives;`