| DATABASE SECD2523(03) | SARANYA A/P JAYARAMA REDDY (B33EC3013) LAB 4 DML3 (SQL4) |

DML3 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 (itm_number);

PART 3

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 customers c JOIN sales_representatives s ON c.sre_id = s.id;

PART 4

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, t.name
   FROM customers c JOIN sales_representatives s ON c.sre_id = s.id JOIN teams t
   ON c.tem_id = t.id;

PART 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, t.name
   FROM customers c JOIN sales_representatives s ON c.sre_id = s.id JOIN teams t ON
   c.tem_id = t.id
   WHERE c.ctr_number = 'c00001';

1) SELECT 'The cost of the' || i.name || ' on this day was' || ph.price
   FROM items i JOIN price-history ph ON i.itm_number = ph.itm_number JOIN
   inventory-list il ON i.ilt_id = il.id
   WHERE i.itm_number = 'im01101045' AND TO_DATE ('2016-12-12', 'YYYY-MM-DD')
   BETWEEN ph.start_date AND ph.end_date;

DML3 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 JOIN customers c ON t.id = c.tem_id;

PART 3

1) SELECT * FROM customers c
   CROSS JOIN sales_representatives s;