-- 1

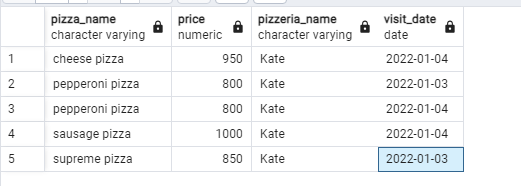
SELECT m.pizza\_name, m.price, p.name AS pizzeria\_name, pv.visit\_date

FROM menu m

JOIN person\_visits pv ON m.pizzeria\_id = pv.pizzeria\_id

JOIN person p ON pv.person\_id = p.id AND p.name = 'Kate'

WHERE m.price BETWEEN 800 AND 1000

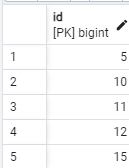
ORDER BY m.pizza\_name, m.price, p.name; 

-- 2

SELECT id

FROM menu

WHERE id NOT IN (SELECT DISTINCT menu\_id FROM person\_order)

ORDER BY id;  


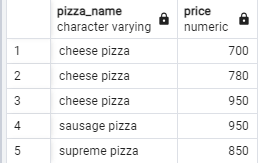
-- 3

SELECT m.pizza\_name, m.price

FROM menu m

LEFT JOIN person\_order po ON m.id = po.menu\_id

WHERE po.id IS NULL

ORDER BY m.pizza\_name, m.price;  


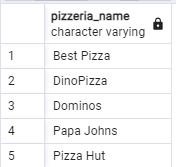
-- Exercise 4

SELECT DISTINCT p.name AS pizzeria\_name

FROM pizzeria p

JOIN person\_visits pv ON p.id = pv.pizzeria\_id

JOIN person pe ON pv.person\_id = pe.id

ORDER BY p.name;  
  
-- Exercise 5

SELECT p.name AS pizzeria\_name

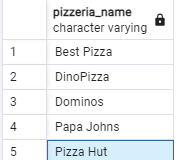
FROM pizzeria p

JOIN person\_visits pv ON p.id = pv.pizzeria\_id

JOIN person pe ON pv.person\_id = pe.id

GROUP BY p.name

HAVING COUNT(DISTINCT pe.gender) = 2

ORDER BY p.name;  


-- Exercise 7

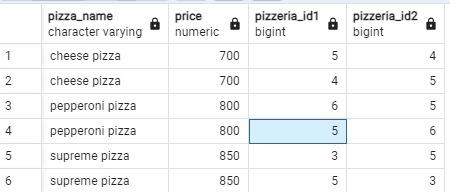
SELECT m1.pizza\_name, m1.price, m1.pizzeria\_id AS pizzeria\_id1,

m2.pizzeria\_id AS pizzeria\_id2

FROM menu m1

JOIN menu m2 ON m1.pizza\_name = m2.pizza\_name

WHERE m1.price = m2.price AND m1.pizzeria\_id <> m2.pizzeria\_id

ORDER BY m1.pizza\_name;  


-- Exercise 8

INSERT INTO menu (id, pizzeria\_id, pizza\_name, price)

VALUES (19, 2, 'greek pizza', 800);

SELECT \* FROM menu;



-- Exercise 9

INSERT INTO menu (id, pizzeria\_id, pizza\_name, price)

VALUES ((SELECT MAX(id) + 1 FROM menu), (SELECT id FROM pizzeria WHERE name = 'Dominos'), 'sicilian pizza', 900);

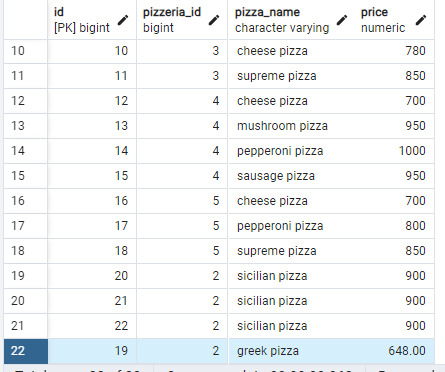
SELECT \* FROM menu;



-- Exercise 12

UPDATE menu SET price = price \* 0.9 WHERE pizza\_name = 'greek pizza';

SELECT \* FROM menu;



-- Exercise 14

-- Delete orders from Exercise #12 based on order date

DELETE FROM person\_order WHERE menu\_id = (SELECT id FROM menu WHERE pizza\_name = 'greek pizza') AND order\_date = '2022-02-25';

-- Delete "greek pizza" from the menu

DELETE FROM menu WHERE pizza\_name = 'greek pizza';

SELECT \* FROM person\_order