SQL

1. Find the names of pizzas that come in a 10 inch size

SELECT name FROM pizza WHERE size = 10

2. Find the names of pizzas that come in a 10 inch or a 12 inch size

SELECT name FROM pizza WHERE size = 10 OR size = 12

3. Find the names of pizzas that come in both a 10 inch and a 12 inch size

SELECT P1.name FROM pizza P1, pizza P2 WHERE P1.size = 10 AND P2.size = 12 AND P1.name=p2.name

4. Find the pairs of different codes of pizzas with the same name and the same size (is there any?)

SELECT T1.code, T2.code FROM pizza T1, pizza T2
WHERE T1.code <> T2.code AND T1.name = T2.name AND T1.size = T2.size

5. Find the names and phone numbers of the stores in "College Park" or "Greenbelt" that sell a 10 inch pizza named "pepperoni" for less than $8

SELECT T2.name, T2.phone FROM pizza T1, store T2, sells T3
WHERE T1.code= T3.code AND T2.name = T3.store_name
AND (T2.area = « College Park » OR T3.area = « Greenbelt »)
AND T1.name = “pepperoni” ∧ T1.size = 10

6. Find the codes of the most expensive pizzas – assume the scheme of the database is reduced to a relation pizza(code, price) to simplify –

   homework

7. Find the names of the stores that sell all the pizzas

   homework