SQL Examples Solved in Class of Apr 19

**Self-Join:**

SELECT E.EMP\_LNAME, E.EMP\_FNAME, m.emp\_lname, m.emp\_fname

FROM employee AS E, employee AS m

WHERE e.spv\_num = m.emp\_num;

**HW #4 (SQL 1) Selected questions:**

SELECT …

FROM employee

WHERE job\_code NOT IN …

|  |  |
| --- | --- |
| SELECT AVG(EMP\_PCT), proj\_num  FROM employee  GROUP BY proj\_num  HAVING … |  |
| SELECT AVG(EMP\_PCT), proj\_num  FROM employee  WHERE …  GROUP BY proj\_num |  |

**Subquery Examples:**

|  |  |
| --- | --- |
| SELECT emp\_num,emp\_lname,emp\_pct,  (SELECT AVG(emp\_pct) FROM employee)  FROM employee  WHERE emp\_pct >  (SELECT AVG(emp\_pct) FROM employee);  -- subqueries produce value(s) |  |

|  |  |
| --- | --- |
| SELECT restaurantID, squarefootage  FROM Restaurants  WHERE squarefootage>=  1.5\*  (SELECT AVG(squarefootage) FROM restaurants); |  |
| SELECT restaurantID, squarefootage,  (SELECT AVG(squarefootage) from RESTAURANTS) AS average,1.5\*  (SELECT AVG(squarefootage) From RESTAURANTS) AS 150\_Percent\_AVG  FROM Restaurants  WHERE squarefootage>=  1.5\*  (SELECT AVG(squarefootage) FROM restaurants); |  |