ID	QUERY	TEMPO1	TEMPO2	TEMPO3
1	SELECT em.nome AS empregado FROM empregados em JOIN empregados em1 ON em.supervisor_id = em1.emp_id WHERE em.salario > em1.salario; empregado	Time: 3546,466 ms (00:03,546)	Time: 3275,177 ms (00:03,275)	Time: 2139,094 ms (00:02,139)
2	SELECT dep_id, MAX(salario) AS Max FROM empregados GROUP BY dep_id;	Time: 409,321 ms	Time: 401,305 ms	Time: 405,203 ms

3	WITH max_salaries AS (
	  SELECT
	    dep_id,
	    MAX(salario) AS max_salary
	  FROM empregados
	  GROUP BY dep_id
	)
	
	SELECT
	  d.dep_id,
	  d.nome,
	  e.salario
	FROM max_salaries m
	JOIN empregados e ON m.dep_id = e.dep_id AND m.max_salary = e.salario
	JOIN departamentos d ON e.dep_id = d.dep_id
	ORDER BY d.dep_id;
		Time: 2127,809 ms (00:02,128)	Time: 2177,048 ms (00:02,177)	Time: 2165,992 ms (00:02,166)

4	SELECT d.nome AS nome FROM departamentos d LEFT JOIN empregados e ON d.dep_id = e.dep_id GROUP BY d.dep_id, d.nome HAVING COUNT(e.emp_id) < 3;	Time: 2055,610 ms (00:02,056)	Time: 2059,239 ms (00:02,059)	Time: 2038,546 ms (00:02,039)
5	SELECT d.nome AS nome, COUNT(e.dep_id) AS count FROM departamentos d LEFT JOIN empregados e ON d.dep_id = e.dep_id GROUP BY d.dep_id, d.nome ORDER BY d.dep_id;	Time: 2033,850 ms (00:02,034)	Time: 2003,902 ms (00:02,004)	Time: 2032,780 ms (00:02,033)
6	SELECT e1.nome, e1.dep_id FROM empregados e1 LEFT JOIN empregados e2 ON e1.supervisor_id = e2.emp_id AND e1.dep_id = e2.dep_id WHERE e2.emp_id IS NULL;	Time: 3086,710 ms (00:03,087)	Time: 4797,405 ms (00:04,797)	Time: 3761,441 ms (00:03,761)
7	SELECT d.nome AS nome, SUM(salario) OVER (PARTITION BY d.dep_id) AS sum FROM departamentos d LEFT JOIN empregados e ON d.dep_id = e.dep_id;	Time: 7707,560 ms (00:07,708)	Time: 7691,026 ms (00:07,691)	Time: 7858,983 ms (00:07,859)
8	SELECT e.dep_id, e.nome AS nome,	Time: 7747,639	Time: 8455,450	Time: 8780,526 ms (00:08,781)

	e.salario, AVG(e.salario) OVER (PARTITION BY e.dep_id) AS salario FROM empregados e JOIN departamentos d ON e.dep_id = d.dep_id	ms (00:07,748)	ms (00:08,455)	
9	SELECT e.dep_id, e.nome AS nome, e.salario, AVG(e.salario) OVER (PARTITION BY e.dep_id) AS FROM empregados e JOIN departamentos d ON e.dep_id = d.dep_id;	Time: 20944,554 ms (00:20,945)	Time: 17177,898 ms (00:17,178)	Time: 19177,872 ms (00:19,178)
10	SELECT e.nome, e.salario, e.dep_id, media_salarios.media_depart amento AS avg_salary FROM empregados e JOIN (SELECT dep_id, AVG(salario) AS media_departamento FROM empregados GROUP BY dep_id) media_salarios ON e.dep_id = media_salarios.dep_id WHERE e.salario >= media_salarios.media_depart amento;	Time: 3107,216 ms (00:03,107)	Time: 3097,792 ms (00:03,098)	Time: 3192,523 ms (00:03,193)