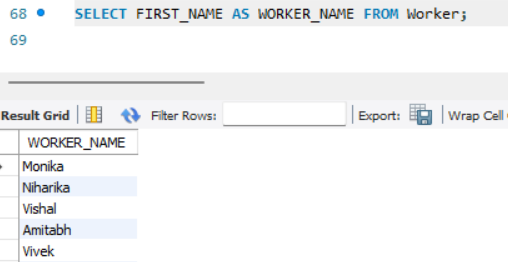
**SQL TASK IMPLEMENTATION QUERIES**

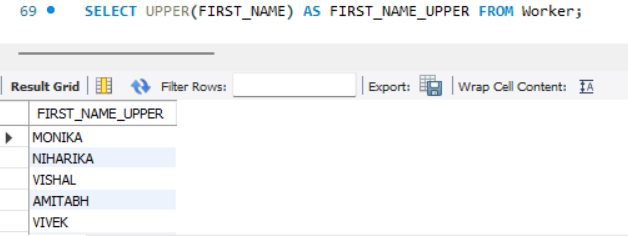
1.Query

SELECT FIRST\_NAME AS WORKER\_NAME FROM Worker;



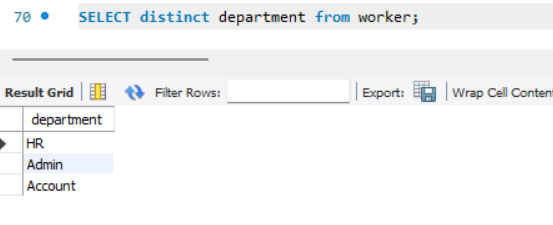
2. Query

SELECT UPPER(FIRST\_NAME) AS FIRST\_NAME\_UPPER FROM Worker;



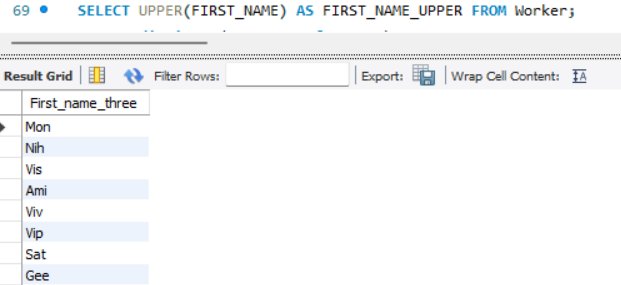
3. Query

SELECT distinct department from worker;



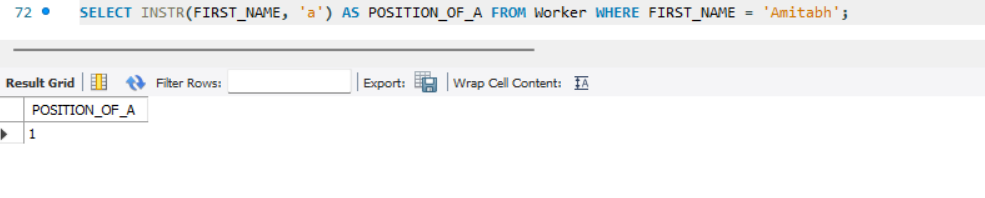
4. Query

select left(FIRST\_NAME,3) as First\_name\_three from Worker;



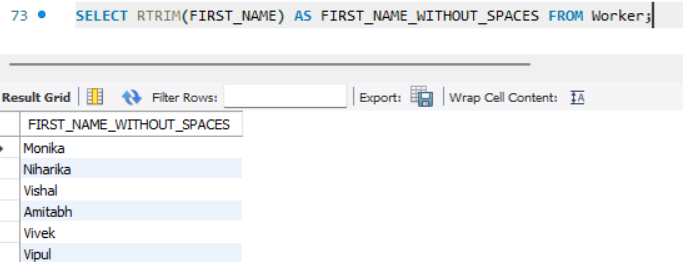
5. Query

SELECT INSTR(FIRST\_NAME, 'a') AS POSITION\_OF\_A FROM Worker WHERE FIRST\_NAME = 'Amitabh';



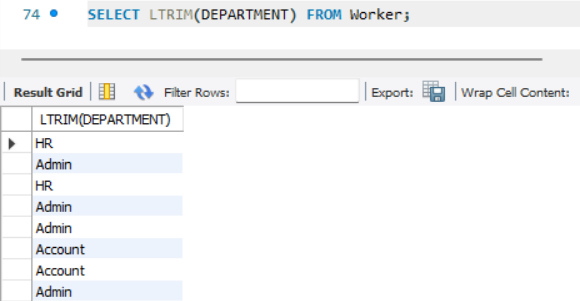
6. Query

SELECT RTRIM(FIRST\_NAME) AS FIRST\_NAME\_WITHOUT\_SPACES FROM Worker;



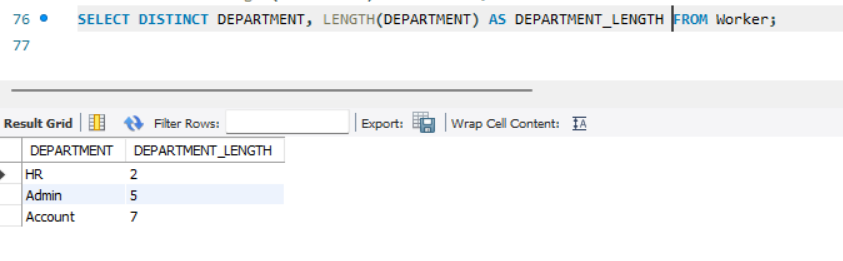
7. Query

SELECT LTRIM(DEPARTMENT) FROM Worker;



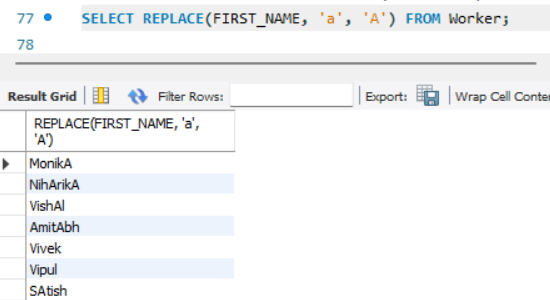
8. Query

SELECT DISTINCT DEPARTMENT, LENGTH(DEPARTMENT) AS DEPARTMENT\_LENGTH FROM Worker;



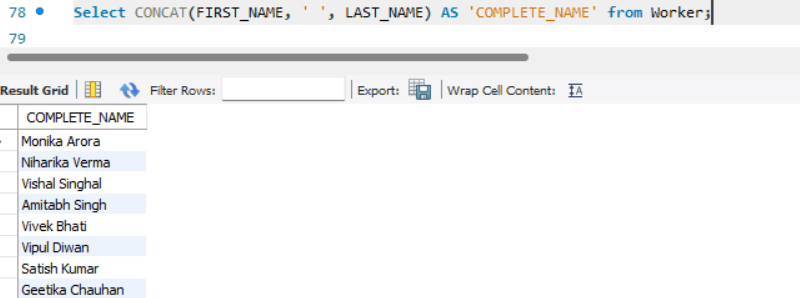
9. Query

SELECT REPLACE(FIRST\_NAME, 'a', 'A') FROM Worker;



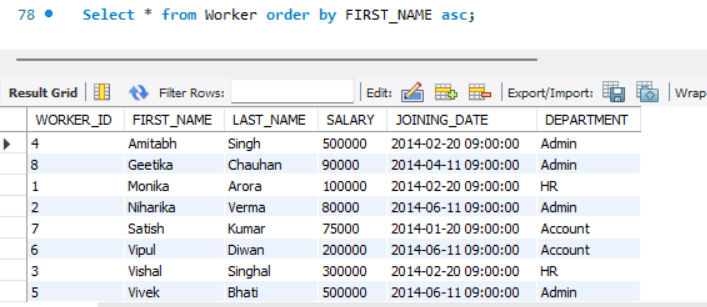
10. Query

Select CONCAT(FIRST\_NAME, ' ', LAST\_NAME) AS 'COMPLETE\_NAME' from Worker;



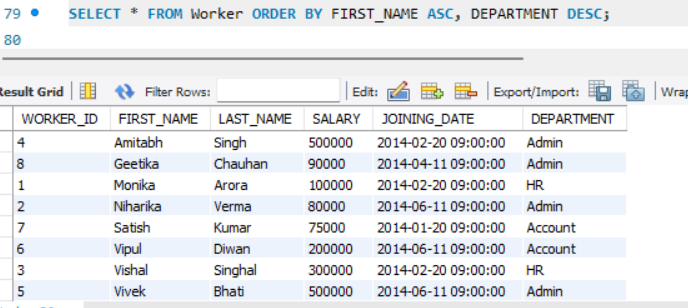
11. Query

Select \* from Worker order by FIRST\_NAME asc;



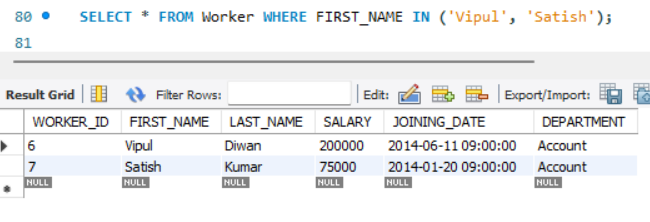
12. Query

SELECT \* FROM Worker ORDER BY FIRST\_NAME ASC, DEPARTMENT DESC;



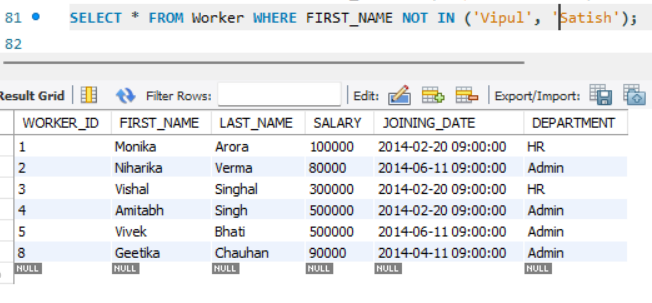
13.Query

SELECT \* FROM Worker WHERE FIRST\_NAME IN ('Vipul', 'Satish');



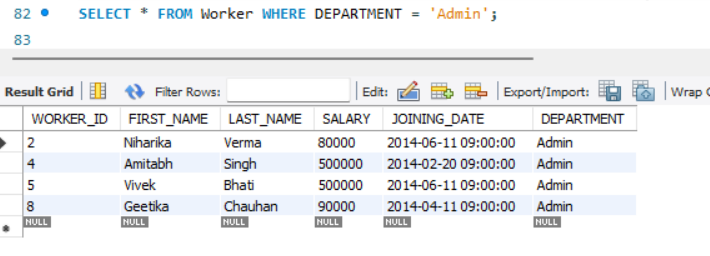
14. Query

SELECT \* FROM Worker WHERE FIRST\_NAME NOT IN ('Vipul', 'Satish');



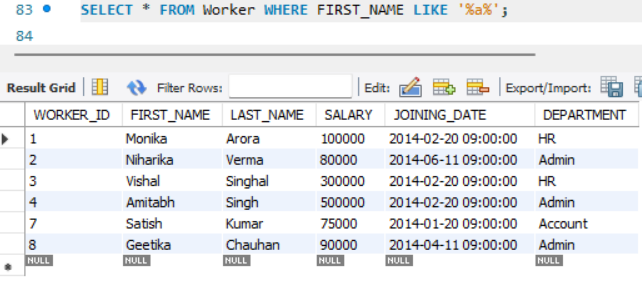
15. Query

SELECT \* FROM Worker WHERE DEPARTMENT = 'Admin';



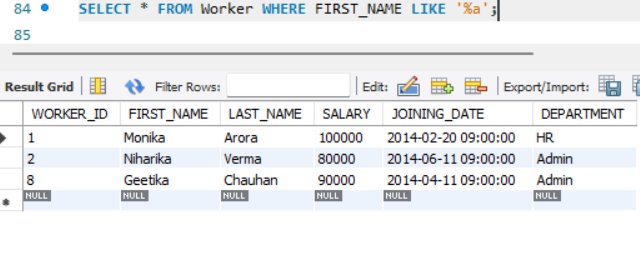
16. Query

SELECT \* FROM Worker WHERE FIRST\_NAME LIKE '%a%';



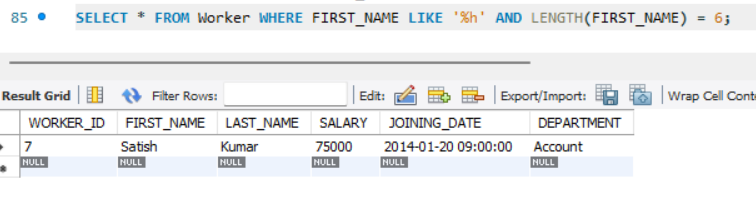
17. Query

SELECT \* FROM Worker WHERE FIRST\_NAME LIKE '%a';



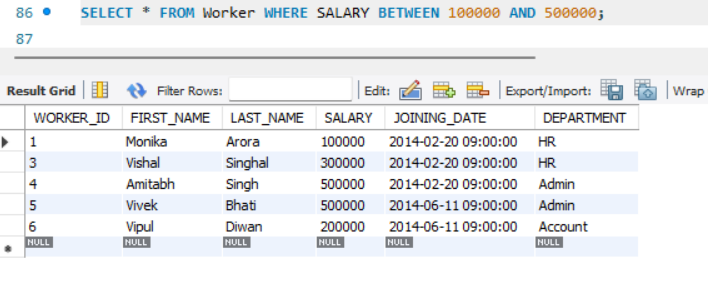
18. Query

SELECT \* FROM Worker WHERE FIRST\_NAME LIKE '%h' AND LENGTH(FIRST\_NAME) = 6;



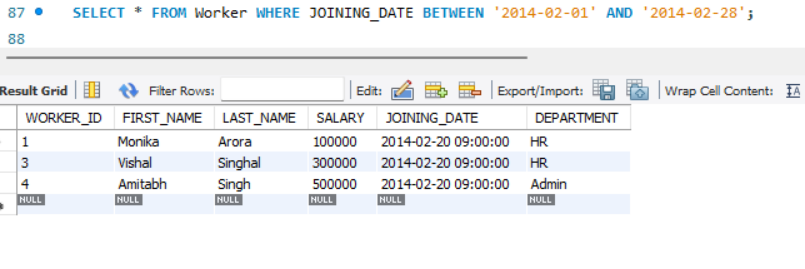
19. Query

SELECT \* FROM Worker WHERE SALARY BETWEEN 100000 AND 500000;



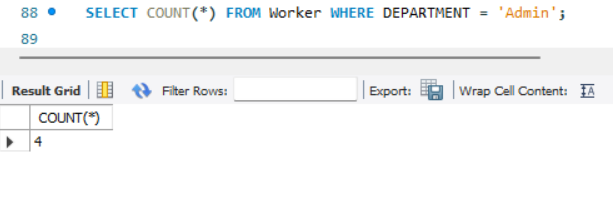
20. Query

SELECT \* FROM Worker WHERE JOINING\_DATE BETWEEN '2014-02-01' AND '2014-02-28';



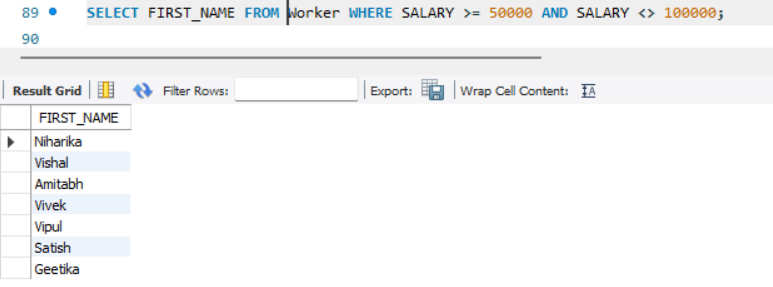
21. Query

SELECT COUNT(\*) FROM Worker WHERE DEPARTMENT = 'Admin';



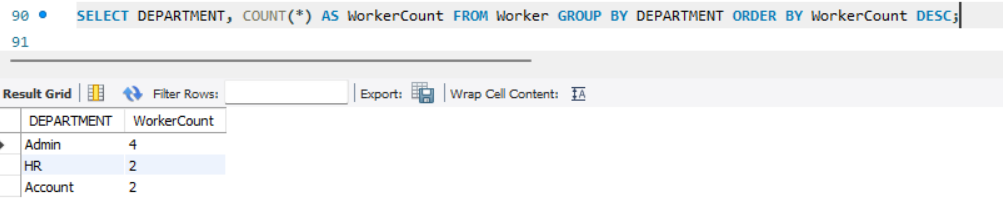
22. Query

SELECT FIRST\_NAME FROM Worker WHERE SALARY >= 50000 AND SALARY <> 100000;



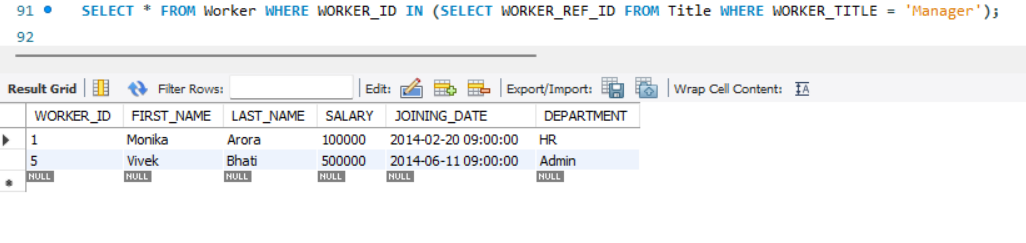
23. Query

SELECT DEPARTMENT, COUNT(\*) AS WorkerCount FROM Worker GROUP BY DEPARTMENT ORDER BY WorkerCount DESC;

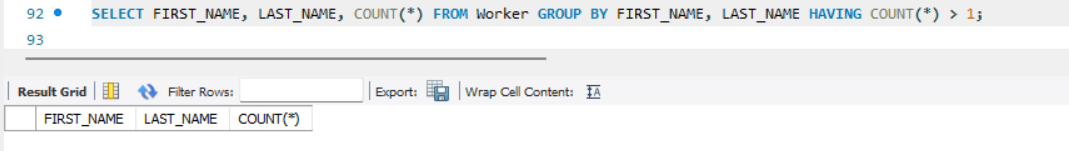


24. Query

SELECT \* FROM Worker WHERE WORKER\_ID IN (SELECT WORKER\_REF\_ID FROM Title WHERE WORKER\_TITLE = 'Manager');

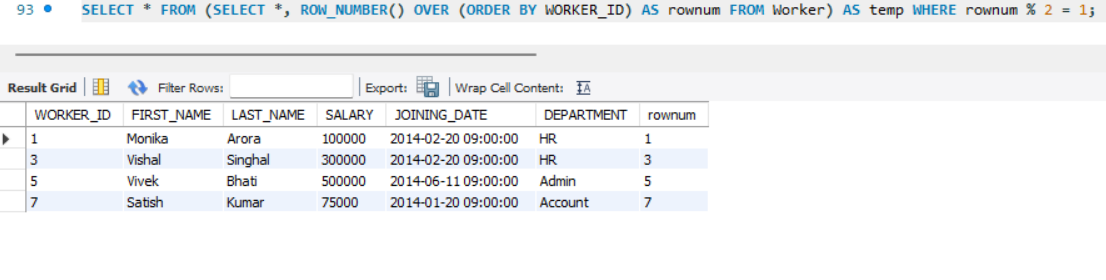


25. Query

SELECT FIRST\_NAME, LAST\_NAME, COUNT(\*) FROM Worker GROUP BY FIRST\_NAME, LAST\_NAME HAVING COUNT(\*) > 1;

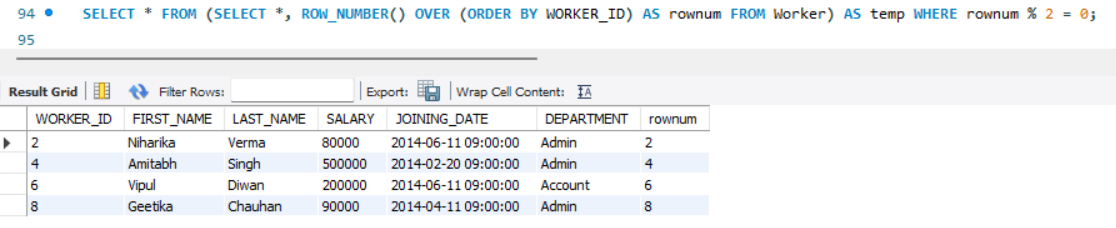
26. Query

SELECT \* FROM (SELECT \*, ROW\_NUMBER() OVER (ORDER BY WORKER\_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 1;

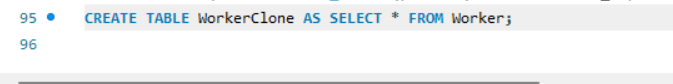


27. Query

SELECT \* FROM (SELECT \*, ROW\_NUMBER() OVER (ORDER BY WORKER\_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 0;

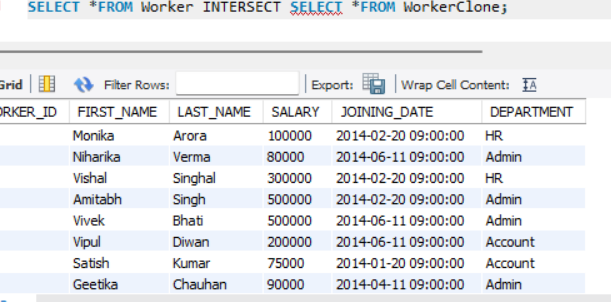


28. Query



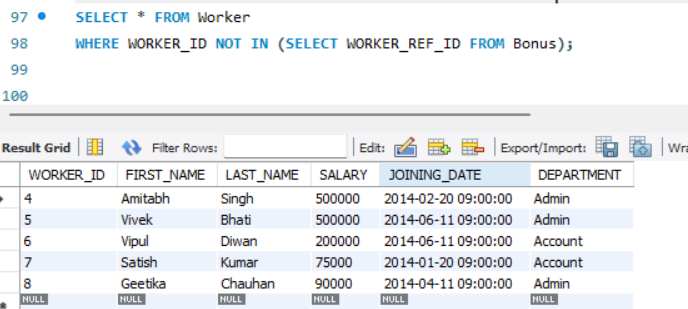
29. Query

SELECT \*FROM Worker INTERSECT SELECT \*FROM WorkerClone;



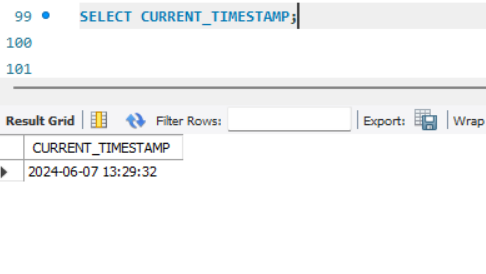
30. Query

SELECT \* FROM Worker WHERE WORKER\_ID NOT IN (SELECT WORKER\_REF\_ID FROM Bonus);



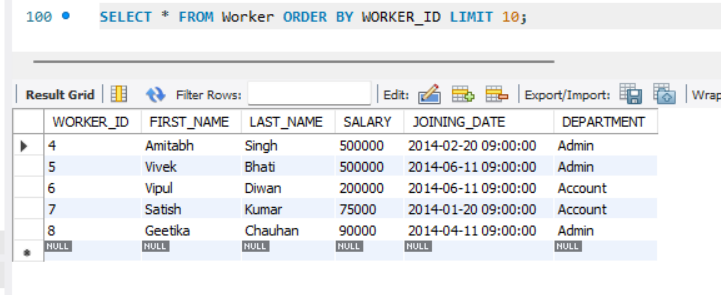
31. Query

SELECT CURRENT\_TIMESTAMP;



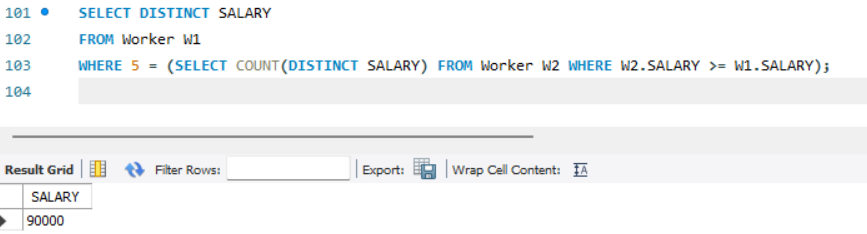
32. Query

SELECT \* FROM Worker ORDER BY WORKER\_ID LIMIT 10;



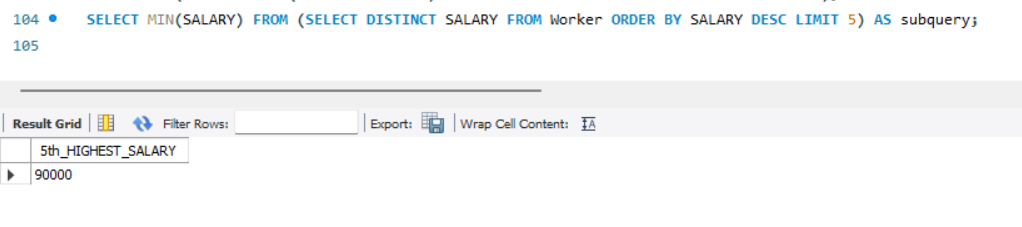
33. Query

SELECT DISTINCT SALARY FROM Worker W1 WHERE 5 = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);



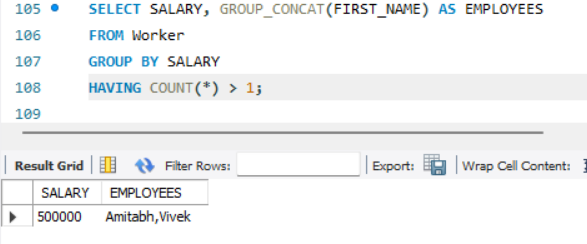
34. Query

SELECT MIN(SALARY) FROM (SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 5) AS subquery;



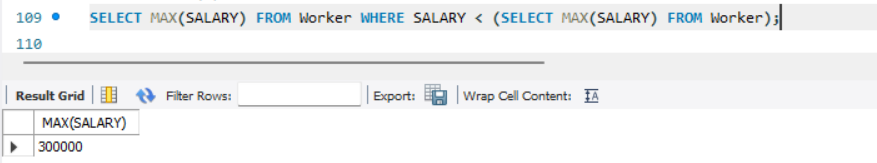
35. Query

SELECT SALARY, GROUP\_CONCAT(FIRST\_NAME) AS EMPLOYEES FROM Worker GROUP BY SALARY HAVING COUNT(\*) > 1;



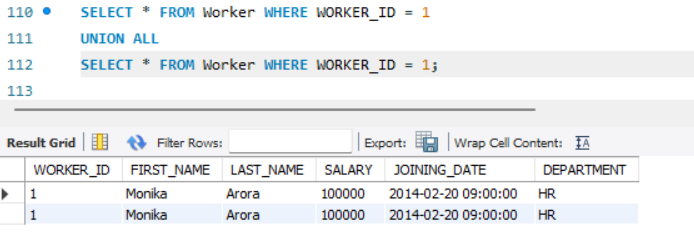
36. Query

SELECT MAX(SALARY) FROM Worker WHERE SALARY < (SELECT MAX(SALARY) FROM Worker);



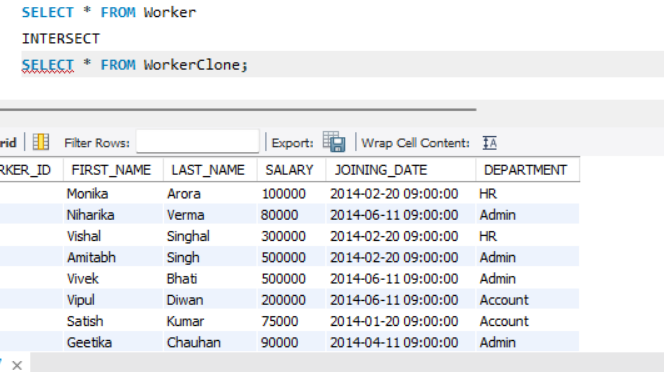
37. Query

SELECT \* FROM Worker WHERE WORKER\_ID = 1 UNION ALL SELECT \* FROM Worker WHERE WORKER\_ID = 1;



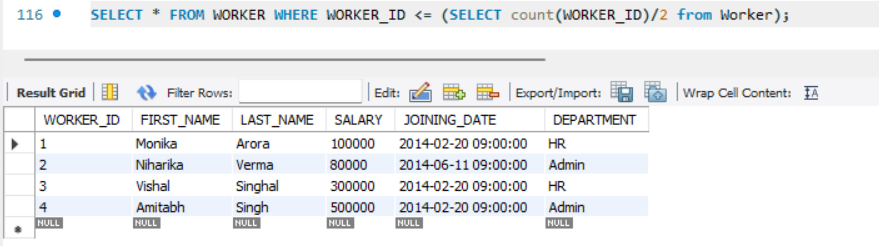
38. Query

SELECT \* FROM Worker INTERSECT SELECT \* FROM WorkerClone;



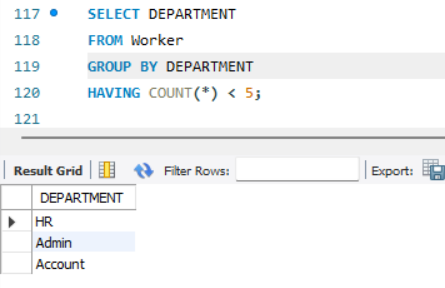
39. Query

SELECT \* FROM WORKER WHERE WORKER\_ID <= (SELECT count(WORKER\_ID)/2 from Worker);



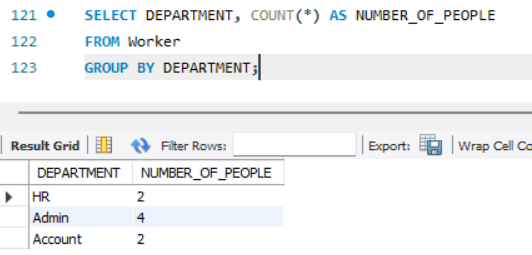
40. Query

SELECT DEPARTMENT FROM Worker GROUP BY DEPARTMENT HAVING COUNT(\*) < 5;



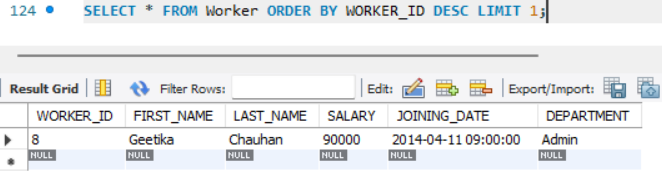
41. Query

SELECT DEPARTMENT, COUNT(\*) AS NUMBER\_OF\_PEOPLE FROM Worker GROUP BY DEPARTMENT;



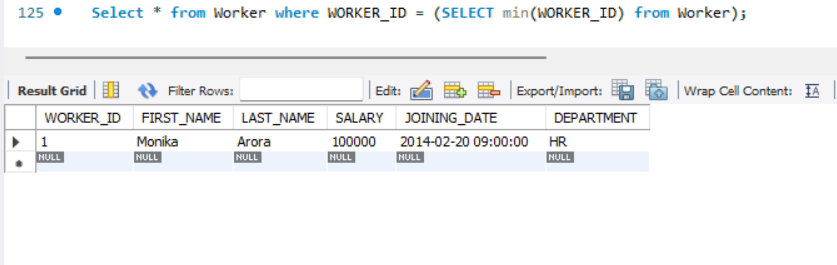
42. Query

SELECT \* FROM Worker ORDER BY WORKER\_ID DESC LIMIT 1;



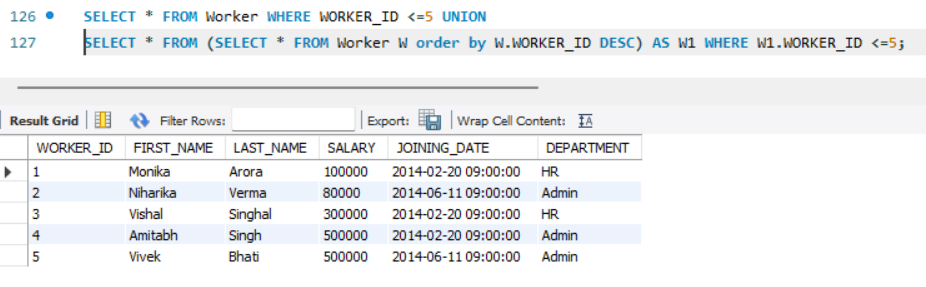
43. Query

Select \* from Worker where WORKER\_ID = (SELECT min(WORKER\_ID) from Worker);



44. Query

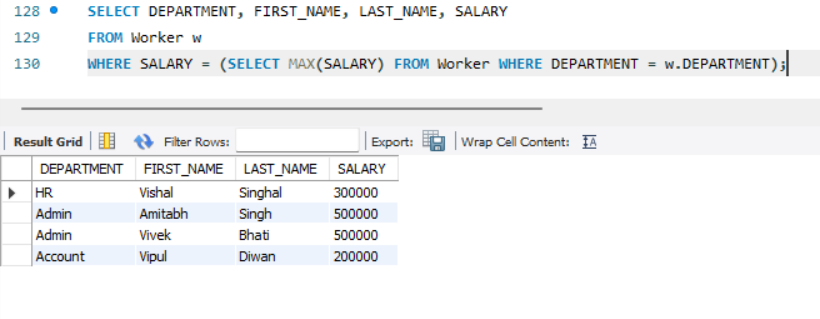
SELECT \* FROM Worker WHERE WORKER\_ID <=5 UNION SELECT \* FROM (SELECT \* FROM Worker W order by W.WORKER\_ID DESC) AS W1 WHERE W1.WORKER\_ID <=5;



45. Query

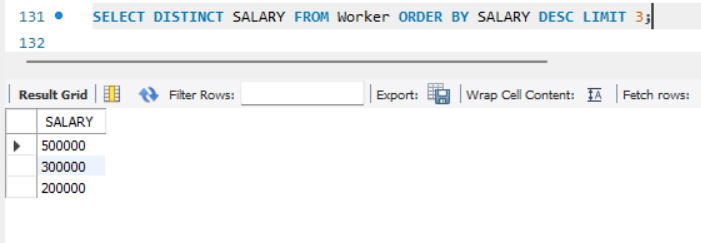
SELECT DEPARTMENT, FIRST\_NAME, LAST\_NAME, SALARY FROM Worker w

WHERE SALARY = (SELECT MAX(SALARY) FROM Worker WHERE DEPARTMENT = w.DEPARTMENT);



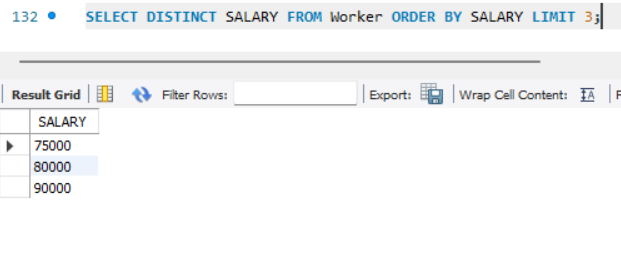
46. Query

SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 3;



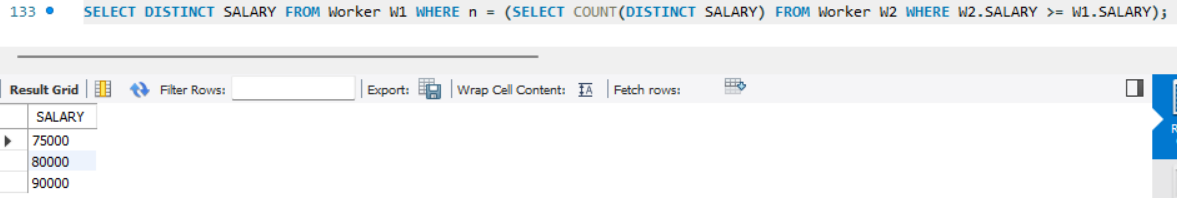
47. Query

SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY LIMIT 3;



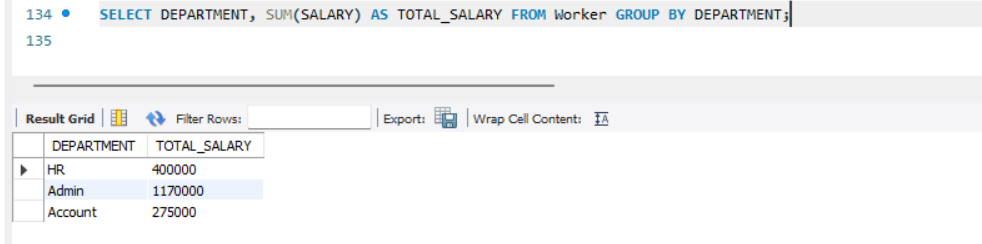
48. Query

SELECT DISTINCT SALARY FROM Worker W1 WHERE n = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);



49. Query

SELECT DEPARTMENT, SUM(SALARY) AS TOTAL\_SALARY FROM Worker GROUP BY DEPARTMENT;



50. Query

SELECT FIRST\_NAME, SALARY from Worker WHERE SALARY=(SELECT max(SALARY) from Worker);

