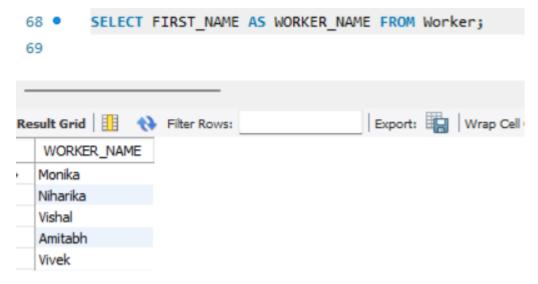
SQL TASK IMPLEMENTATION QUERIES

1.Ans:

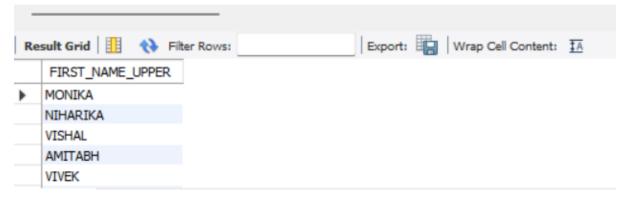
SELECT FIRST_NAME AS WORKER_NAME FROM Worker;



2.ANS:

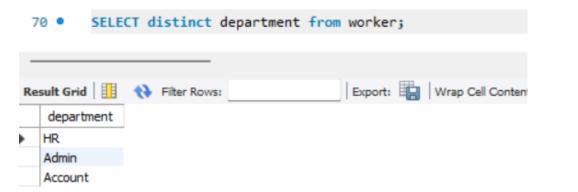
SELECT UPPER(FIRST_NAME) AS FIRST_NAME_UPPER FROM Worker;

69 • SELECT UPPER(FIRST_NAME) AS FIRST_NAME_UPPER FROM Worker;

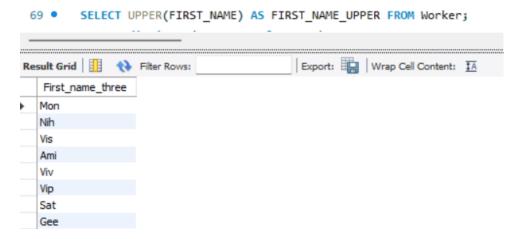


3.ANS:

SELECT distinct department from worker;

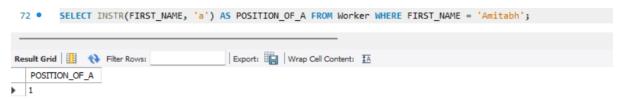


select left(FIRST_NAME,3) as First_name_three from Worker;



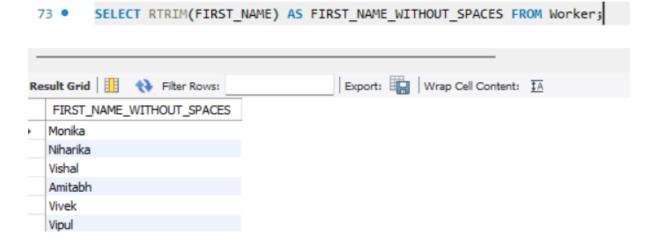
5.ANS:

SELECT INSTR(FIRST_NAME, 'a') AS POSITION_OF_A FROM Worker WHERE FIRST_NAME = 'Amitabh';

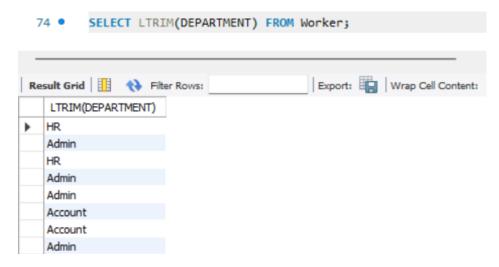


6.ANS:

SELECT RTRIM(FIRST_NAME) AS FIRST_NAME_WITHOUT_SPACES FROM Worker;

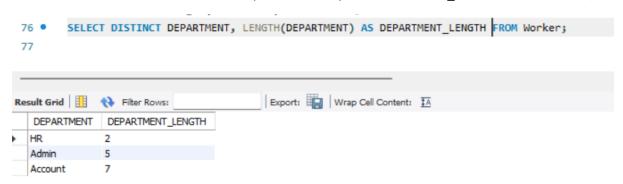


SELECT LTRIM(DEPARTMENT) FROM Worker;



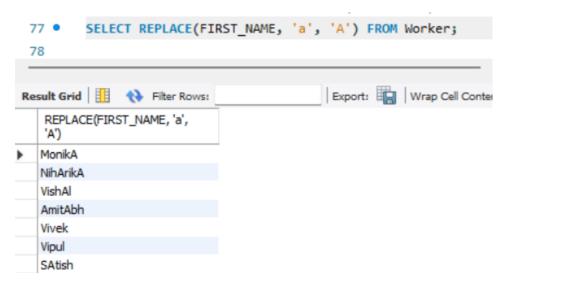
8.ANS:

SELECT DISTINCT DEPARTMENT, LENGTH(DEPARTMENT) AS DEPARTMENT_LENGTH FROM Worker;



9.ANS:

SELECT REPLACE(FIRST_NAME, 'a', 'A') FROM Worker;



Select CONCAT(FIRST_NAME, '', LAST_NAME) AS 'COMPLETE_NAME' from Worker;



11.ANS:

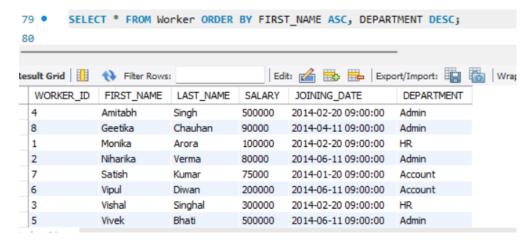
Select * from Worker order by FIRST_NAME asc;

78 • Select * from Worker order by FIRST NAME asc;



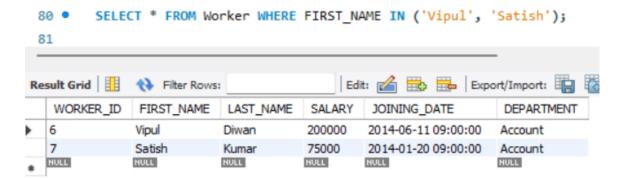
12.ANS:

SELECT * FROM Worker ORDER BY FIRST_NAME ASC, DEPARTMENT DESC;



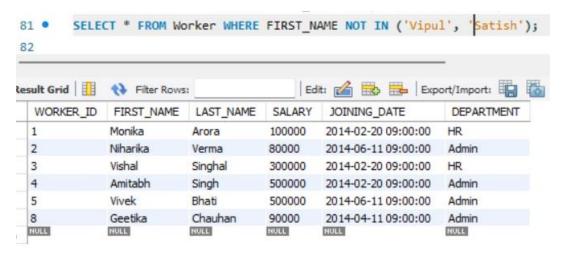
13.Ans:

SELECT * FROM Worker WHERE FIRST_NAME IN ('Vipul', 'Satish');



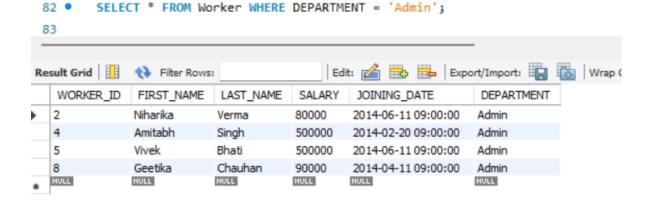
14.ANS:

SELECT * FROM Worker WHERE FIRST_NAME NOT IN ('Vipul', 'Satish');

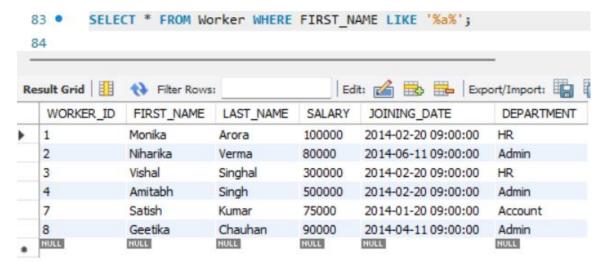


15.ANS:

SELECT * FROM Worker WHERE DEPARTMENT = 'Admin';

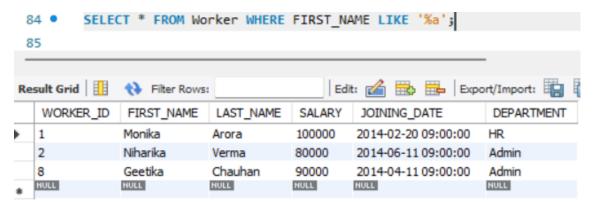


SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a%';



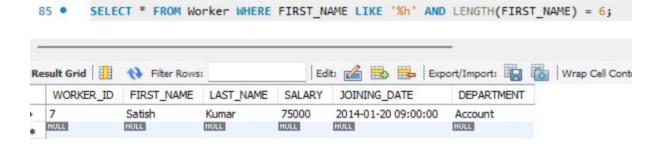
17.Ans:

SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a';



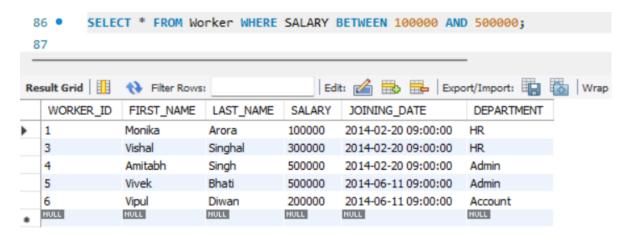
18.ANS:

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



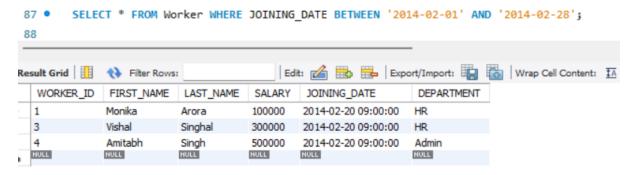
19.Ans:

SELECT * FROM Worker WHERE SALARY BETWEEN 100000 AND 500000;



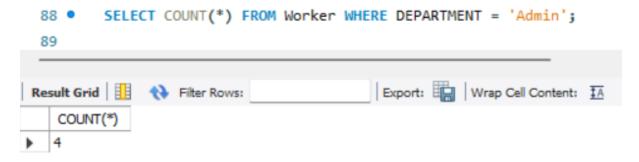
20.Ans:

SELECT * FROM Worker WHERE JOINING_DATE BETWEEN '2014-02-01' AND '2014-02-28';

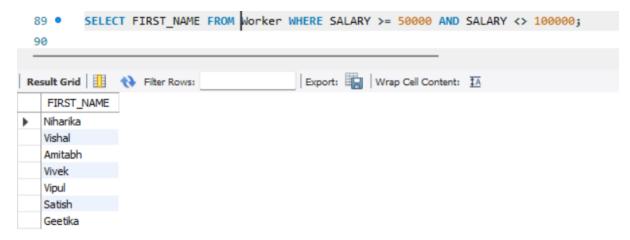


21.ANS:

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

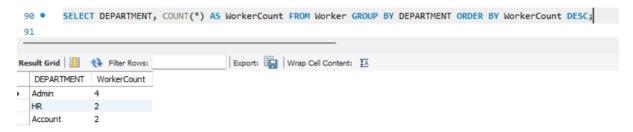


SELECT FIRST_NAME FROM Worker WHERE SALARY >= 50000 AND SALARY <> 100000;



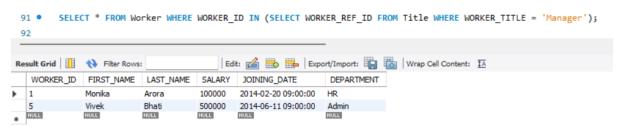
23.ANS:

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



24.ANS:

SELECT * FROM Worker WHERE WORKER_ID IN (SELECT WORKER_REF_ID FROM Title WHERE WORKER TITLE = 'Manager');

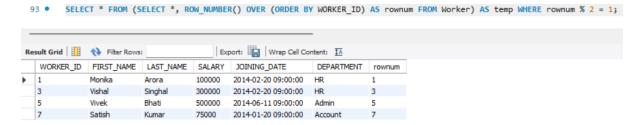


25.ANS:

SELECT FIRST_NAME, LAST_NAME, COUNT(*) FROM Worker GROUP BY FIRST_NAME, LAST_NAME HAVING COUNT(*) > 1;

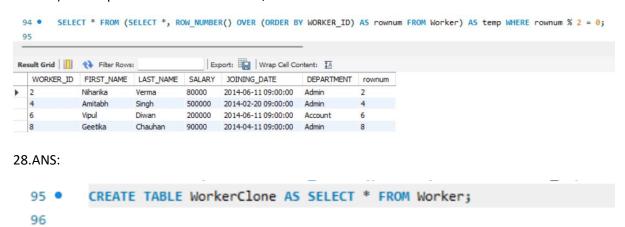


SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 1;



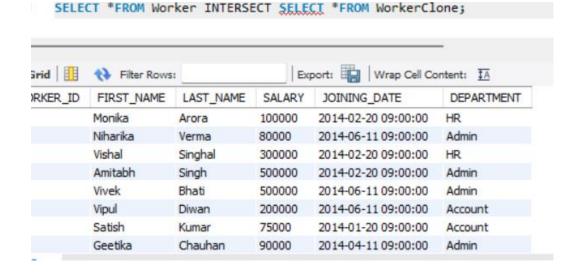
27.ANS:

SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 0;

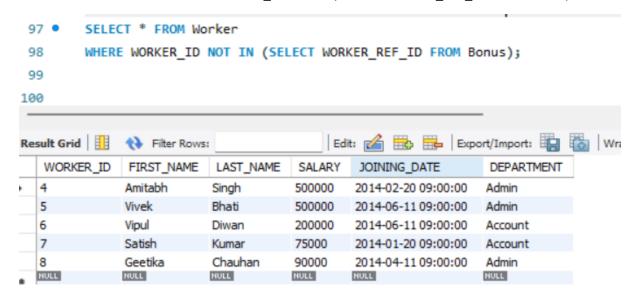


29.ANS:

SELECT *FROM Worker INTERSECT SELECT *FROM WorkerClone;

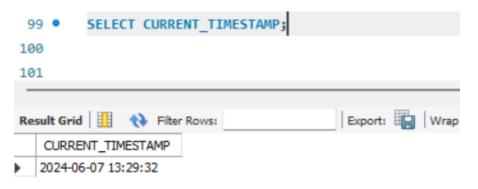


SELECT * FROM Worker WHERE WORKER_ID NOT IN (SELECT WORKER_REF_ID FROM Bonus);



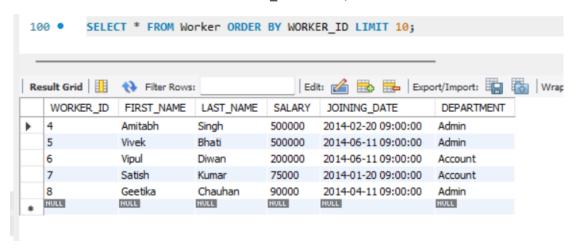
31.ANS:

SELECT CURRENT_TIMESTAMP;

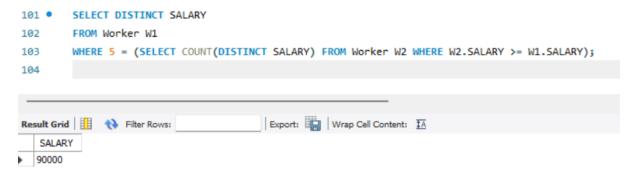


32.ANS:

SELECT * FROM Worker ORDER BY WORKER ID LIMIT 10;



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



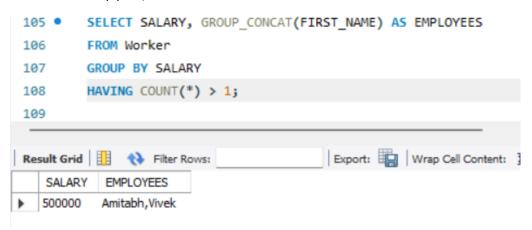
34.ANS:

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



35.ANS:

SELECT SALARY, GROUP_CONCAT(FIRST_NAME) AS EMPLOYEES FROM Worker GROUP BY SALARY HAVING COUNT(*) > 1;

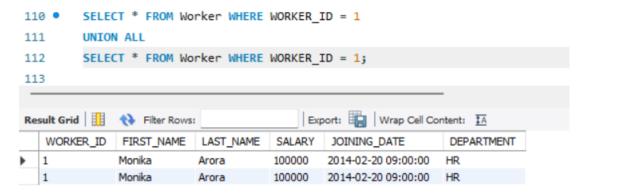


SELECT MAX(SALARY) FROM Worker WHERE SALARY < (SELECT MAX(SALARY) FROM Worker);



37.ANS:

SELECT * FROM Worker WHERE WORKER_ID = 1 UNION ALL SELECT * FROM Worker WHERE WORKER_ID = 1;



38.ANS:

SELECT * FROM Worker INTERSECT SELECT * FROM WorkerClone;

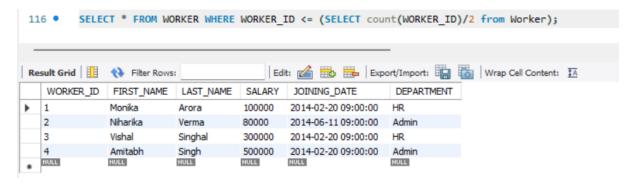
```
SELECT * FROM Worker

INTERSECT

SELECT * FROM WorkerClone;
```

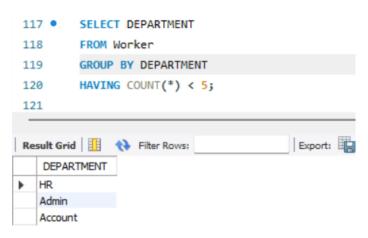


SELECT * FROM WORKER WHERE WORKER_ID <= (SELECT count(WORKER_ID)/2 from Worker);



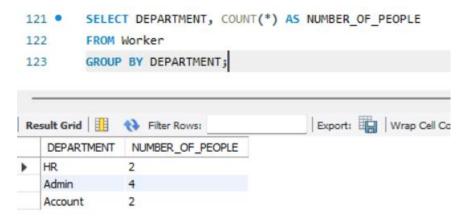
40.ANS:

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

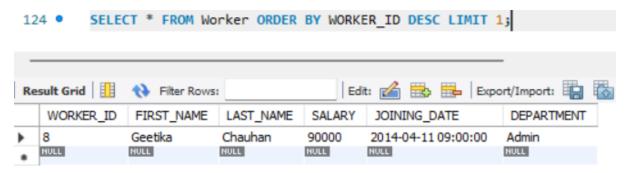


41.ANS:

SELECT DEPARTMENT, COUNT(*) AS NUMBER_OF_PEOPLE FROM Worker GROUP BY DEPARTMENT;

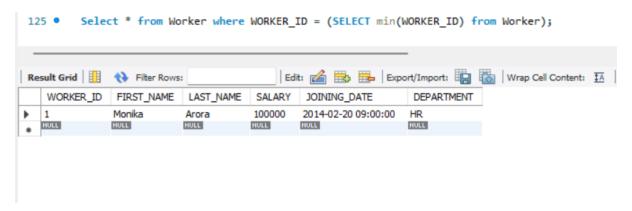


SELECT * FROM Worker ORDER BY WORKER_ID DESC LIMIT 1;



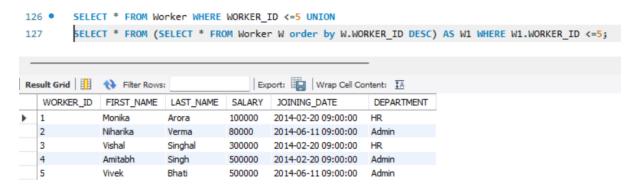
43.ANS:

Select * from Worker where WORKER_ID = (SELECT min(WORKER_ID) from Worker);



44.ANS:

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;



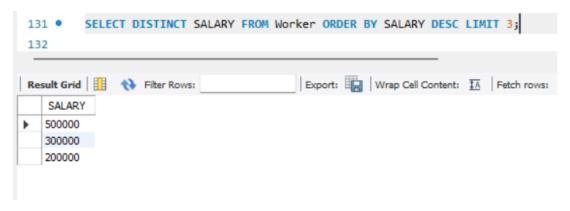
45.ANS:

SELECT DEPARTMENT, FIRST_NAME, LAST_NAME, SALARY FROM Worker w

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

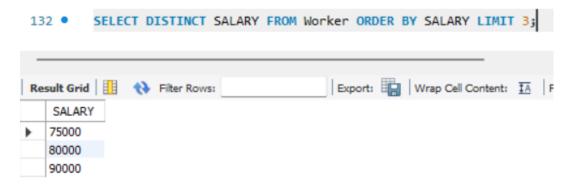


SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 3;



47.ANS:

SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY LIMIT 3;

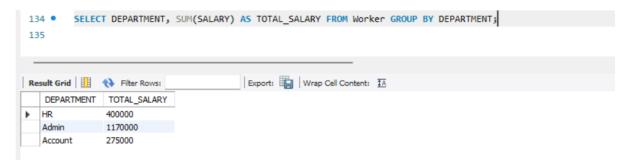


48.ANS:

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

49.ANS:

SELECT DEPARTMENT, SUM(SALARY) AS TOTAL_SALARY FROM Worker GROUP BY DEPARTMENT;



50.ANS:

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

