```
CREATE DATABASE ORG1;
SHOW DATABASES;
USE ORG1;
CREATE TABLE Worker1 (
WORKER_ID INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
FIRST_NAME CHAR(25),
LAST_NAME CHAR(25),
SALARY INT,
JOINING_DATE DATETIME,
DEPARTMENT CHAR(25)
);
INSERT INTO Worker1
(WORKER_ID, FIRST_NAME, LAST_NAME, SALARY, JOINING_DATE,
DEPARTMENT) VALUES
(001, 'Monika', 'Arora', 100000, '14-02-20
09.00.00', 'HR'),
(002, 'Niharika', 'Verma', 80000, '14-06-11
09.00.00', 'Admin'),
(003, 'Vishal', 'Singhal', 300000, '14-02-20
09.00.00', 'HR'),
(004, 'Amitabh', 'Singh', 500000, '14-02-20
09.00.00', 'Admin'),
(005, 'Vivek', 'Bhati', 500000, '14-06-11
```

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B Yaswanth

Sql queries (08/06/2024)

```
09.00.00', 'Admin'),
(006, 'Vipul', 'Diwan', 200000, '14-06-11
09.00.00', 'Account'),
(007, 'Satish', 'Kumar', 75000, '14-01-20
09.00.00', 'Account'),
(008, 'Geetika', 'Chauhan', 90000, '14-04-11
09.00.00', 'Admin');
CREATE TABLE Bonus2 (
WORKER_REF_ID INT,
BONUS_AMOUNT INT,
BONUS_DATE DATETIME,
FOREIGN KEY (WORKER_REF_ID)
REFERENCES Worker1(WORKER_ID)
ON DELETE CASCADE
);
INSERT INTO Bonus2
(WORKER_REF_ID, BONUS_AMOUNT, BONUS_DATE) VALUES
(001, 5000, '16-02-20'),
(002, 3000, '16-06-11'),
(003, 4000, '16-02-20'),
(001, 4500, '16-02-20'),
(002, 3500, '16-06-11');
CREATE TABLE Title3 (
WORKER_REF_ID INT,
WORKER_TITLE CHAR(25),
AFFECTED_FROM DATETIME,
```

```
FOREIGN KEY (WORKER_REF_ID)

REFERENCES Worker1(WORKER_ID)

ON DELETE CASCADE
);

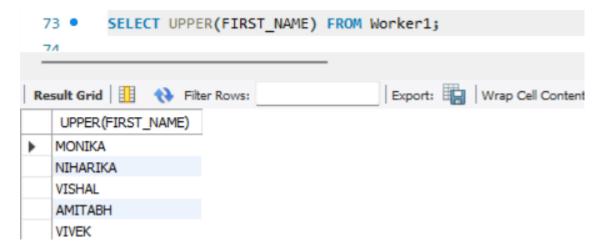
INSERT INTO Title3

(WORKER_REF_ID, WORKER_TITLE, AFFECTED_FROM) VALUES
(001, 'Manager', '2016-02-20 00:00:00'),
(002, 'Executive', '2016-06-11 00:00:00'),
(008, 'Executive', '2016-06-11 00:00:00'),
(005, 'Manager', '2016-06-11 00:00:00'),
(004, 'Asst. Manager', '2016-06-11 00:00:00'),
(007, 'Executive', '2016-06-11 00:00:00'),
(006, 'Lead', '2016-06-11 00:00:00'),
(003, 'Lead', '2016-06-11 00:00:00');
```

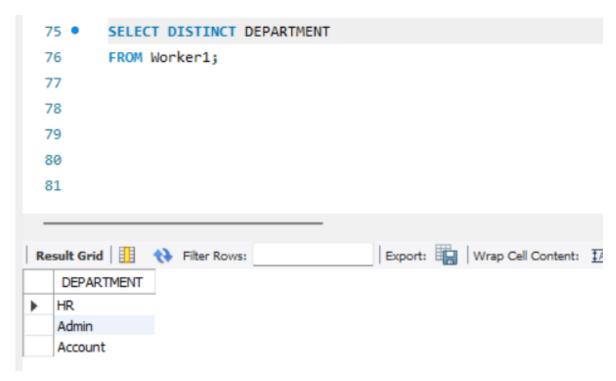
Q 1 : SELECT FIRST_NAME AS WORKER_NAME FROM Worker1;



Q-2. Write an SQL query to fetch "FIRST_NAME" from Worker table in upper case.

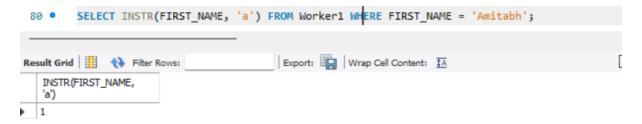


Q-3. Write an SQL query to fetch unique values of DEPARTMENT from Worker table.

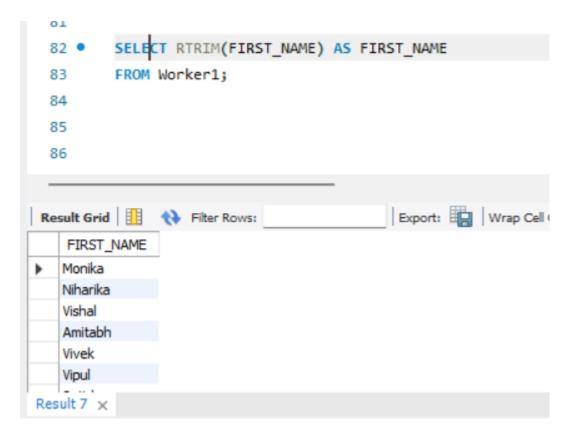


Q-4. Write an SQL query to print the first three characters of FIRST NAME from Worker table.

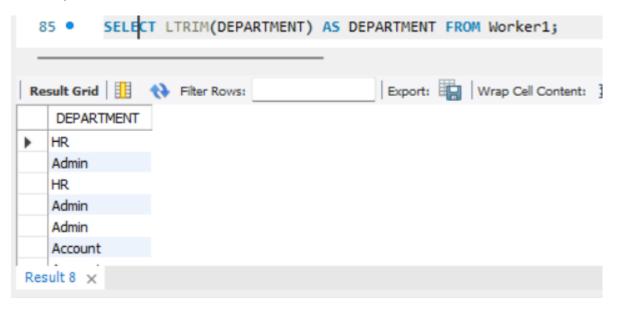
Q-5. Write an SQL query to find the position of the alphabet ('a') in the first name column 'Amitabh' from Worker table.



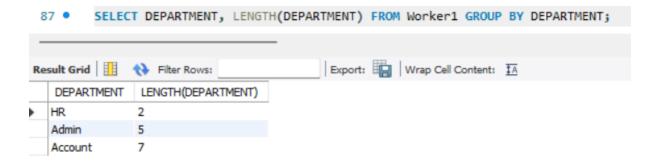
Q-6. Write an SQL query to print the FIRST_NAME from Worker table after removing white spaces from the right side.



Q-7. Write an SQL query to print the DEPARTMENT from Worker table after removing white spaces from the left side.



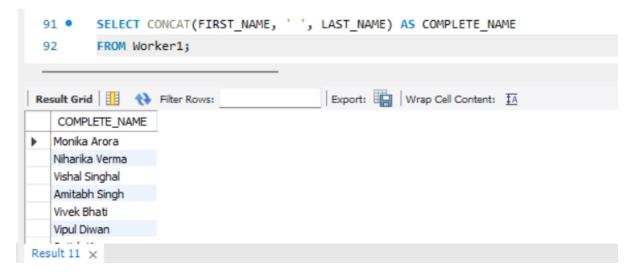
Q-8. Write an SQL query that fetches the unique values of DEPARTMENT from Worker table and prints its length.



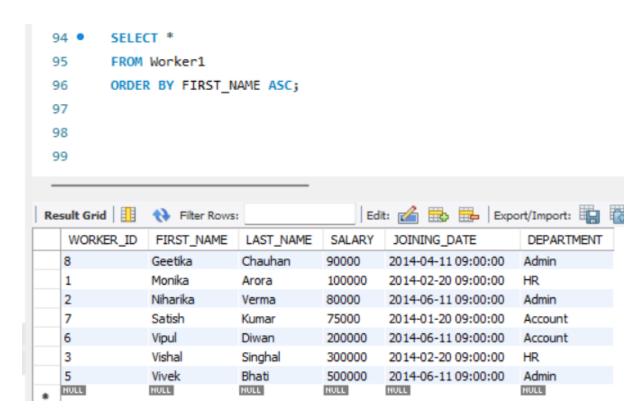
Q-9. Write an SQL query to print the FIRST_NAME from Worker table after replacing 'a' with 'A'. Q-9. Write an SQL query to print the FIRST_NAME from Worker table after replacing 'a' with 'A'.

8	39 • 5	SELEC	T R	EPLACE(FI	RST_NAME,	'a',	'A') A	AS FI	RST_NAMI	FROM	Worker1;	
9	90											
-												
Result Grid 1			Filter Rows:			Export:		Wrap Cell	Content:	<u>‡A</u>		
	FIRST_NAME											
•	MonikA											
	NihArikA											
	VishAl											
	AmitAbh											
	Vivek											
	Vipul											
Re	sult 10 ×											

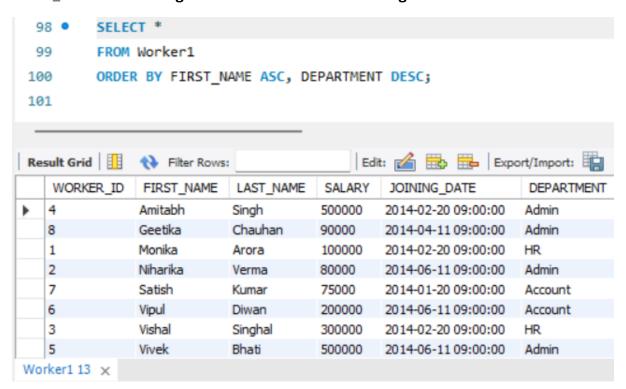
Q-10. Write an SQL query to print the FIRST_NAME and LAST_NAME from Worker table into a single column COMPLETE NAME. A space char should separate them.



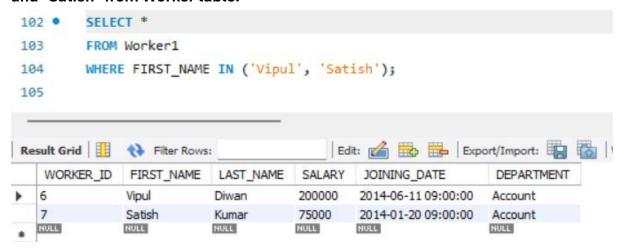
Q-11. Write an SQL query to print all Worker details from the Worker table order by FIRST_NAME Ascending.



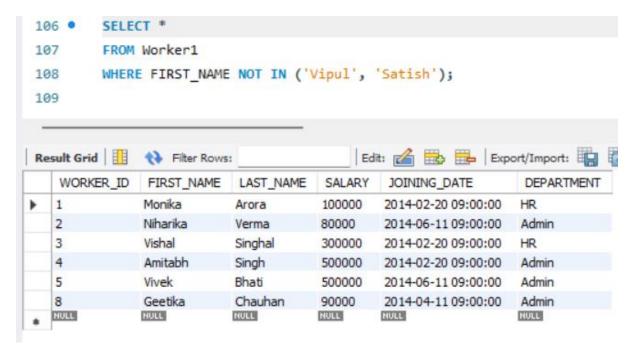
Q-12. Write an SQL query to print all Worker details from the Worker table order by FIRST_NAME Ascending and DEPARTMENT Descending.



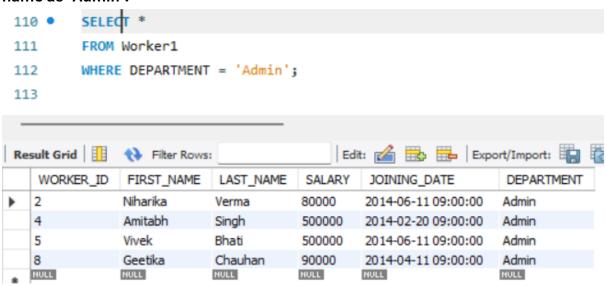
Q-13. Write an SQL query to print details for Workers with the first name as "Vipul" and "Satish" from Worker table.



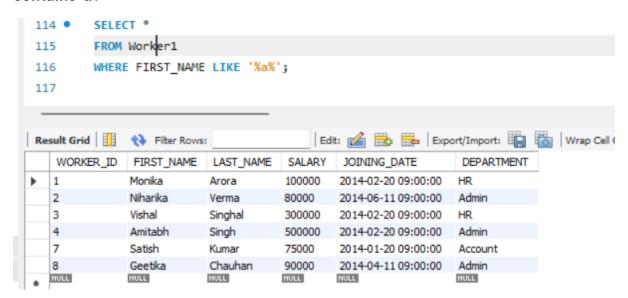
Q-14. Write an SQL query to print details of workers excluding first names, "Vipul" and "Satish" from Worker table.



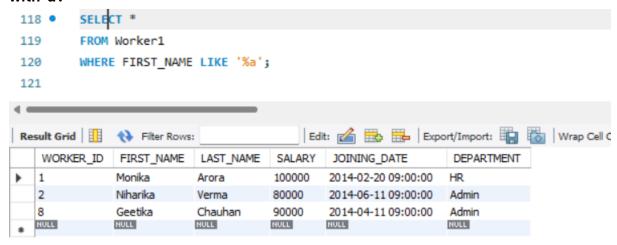
Q-15. Write an SQL query to print details of Workers with DEPARTMENT name as "Admin".



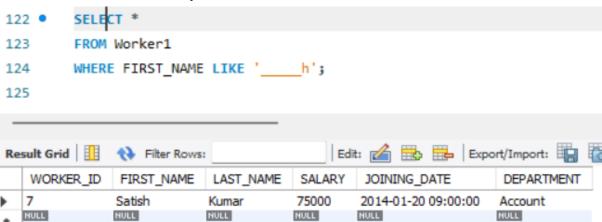
Q-16. Write an SQL query to print details of the Workers whose FIRST_NAME contains 'a'.



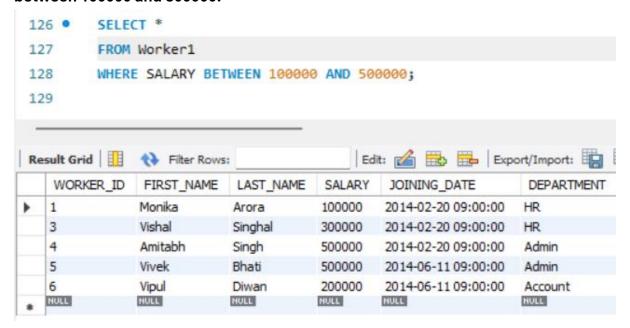
Q-17. Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'a'.



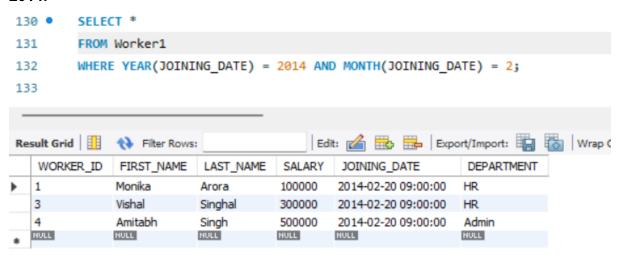
Q-18. Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'h' and contains six alphabets.



Q-19. Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000.

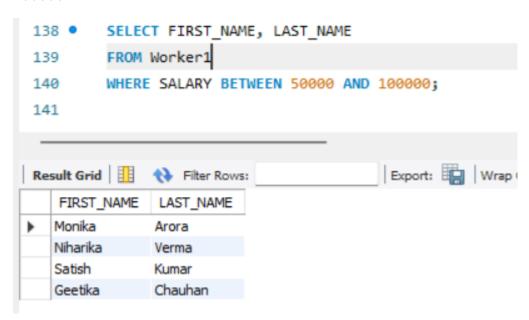


Q-20. Write an SQL query to print details of the Workers who have joined in Feb 2014.

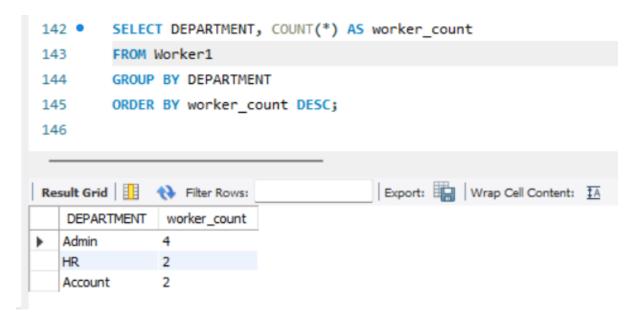


Q-21. Write an SQL query to fetch the count of employees working in the department Admin'.

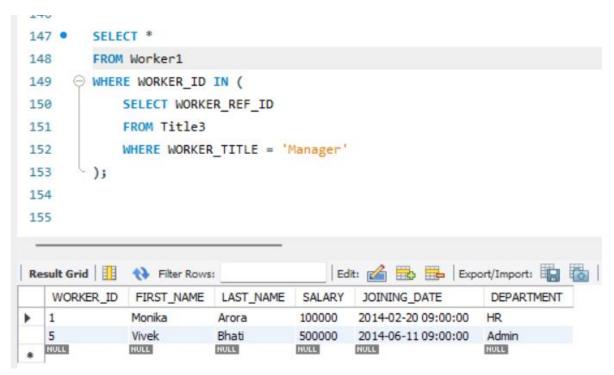
Q-22. Write an SQL query to fetch worker names with salaries >= 50000 and <= 100000.



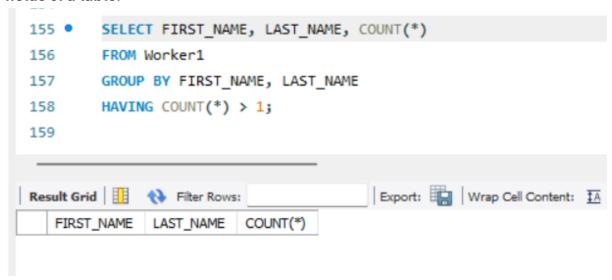
Q-23. Write an SQL query to fetch the no. of workers for each department in the descending order.



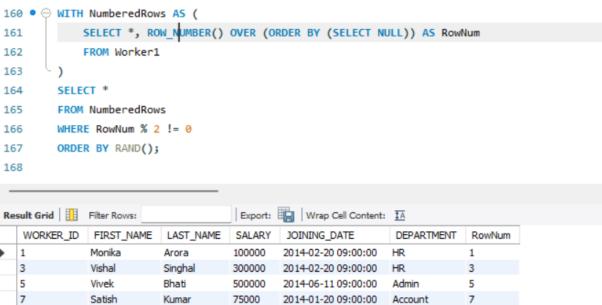
Q-24. Write an SQL query to print details of the Workers who are also Managers.



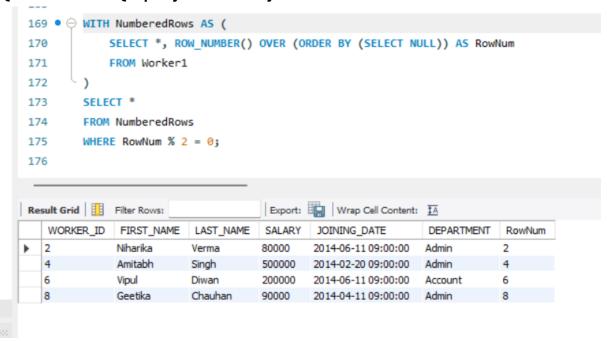
Q-25. Write an SQL query to fetch duplicate records having matching data in some fields of a table.



Q-26. Write an SQL query to show only odd rows from a table.



Q-27. Write an SQL query to show only even rows from a table.



Q-28. Write an SQL query to clone a new table from another table.

```
177 • CREATE TABLE ClonedWorkerTable AS

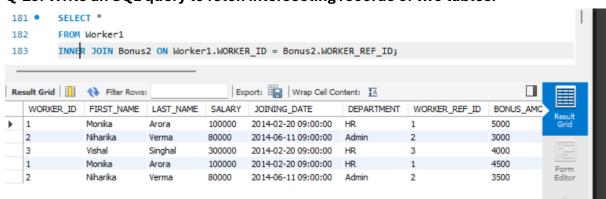
178 SELECT *

179 FROM Worker1;

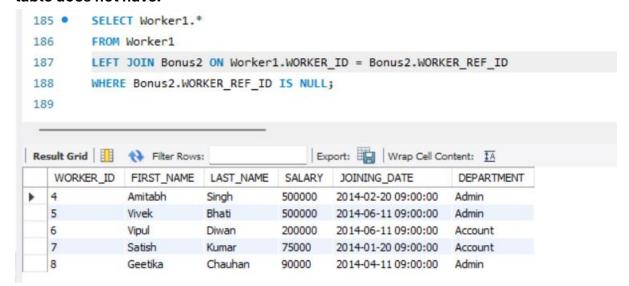
180

59 21:15:06 CREATE TABLE ClonedWorkerTable AS SELEC... 8 rov
```

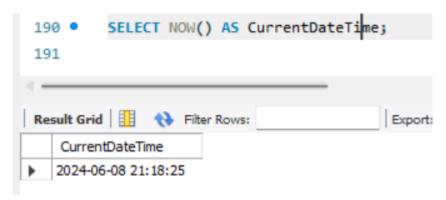
Q-29. Write an SQL query to fetch intersecting records of two tables.



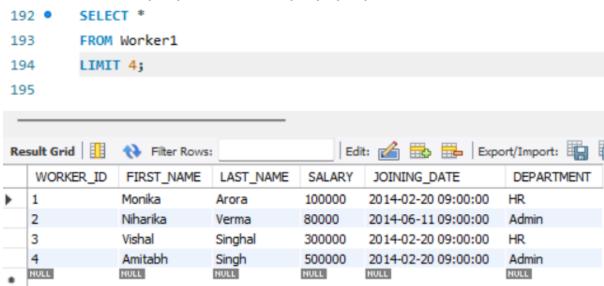
Q-30. Write an SQL query to show records from one table that another table does not have.



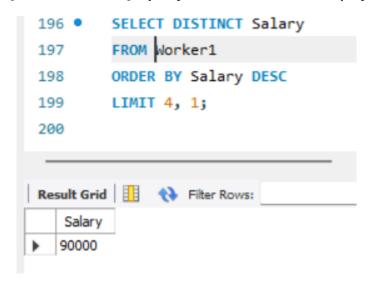
Q-31. Write an SQL query to show the current date and time.



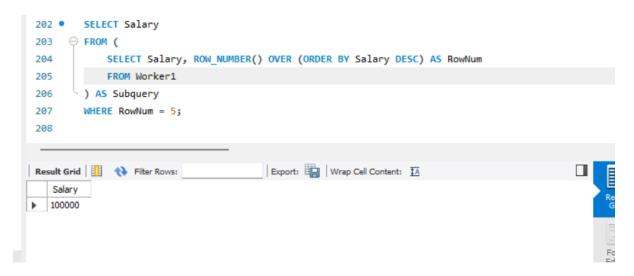
Q-32. Write an SQL query to show the top n (say 10) records of a table.



Q-33. Write an SQL query to determine the nth (say n=5) highest salary from a tabl



Q-34. Write an SQL query to determine the 5th highest salary without using TO or limit method

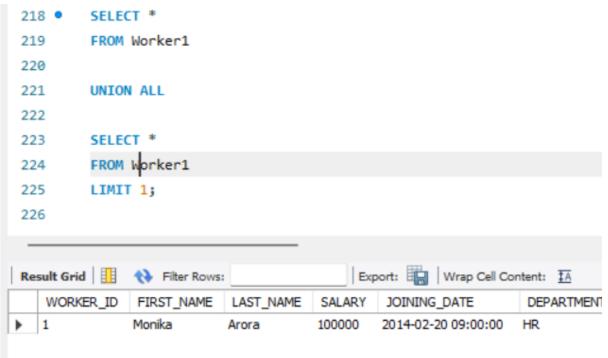


Q-35. Write an SQL query to fetch the list of employees with the same salary.

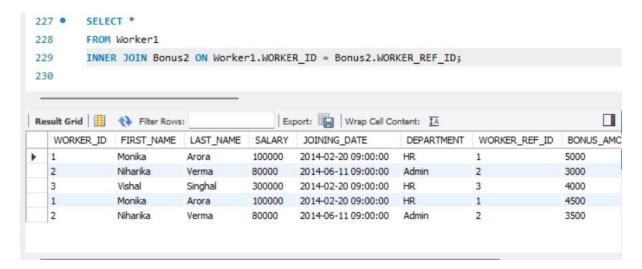


Q-36. Write an SQL query to show the second highest salary from a table.

Q-37. Write an SQL query to show one row twice in results from a table.



Q-38. Write an SQL query to fetch intersecting records of two tables.

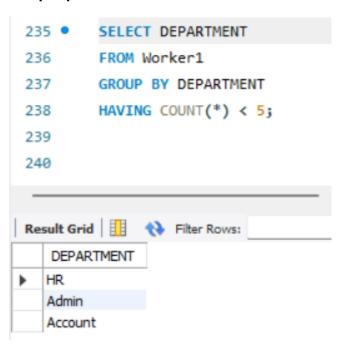


Q-39. Write an SQL query to fetch the first 50% records from a table.

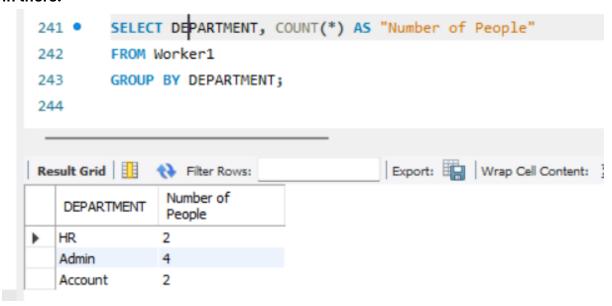
```
SET @half_count = (SELECT CEIL(COUNT(*) * 0.5) FROM Worker1);

76 21:32:01 SET @half_count = (SELECT CEIL(COUNT(*) * 0...
```

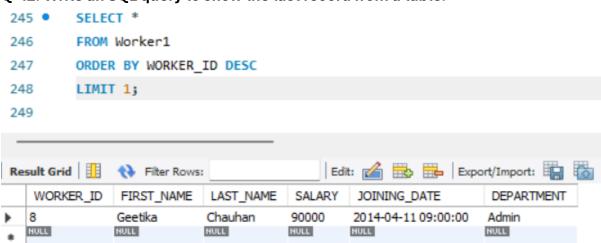
Q-40. Write an SQL query to fetch the departments that have less than five people in it.



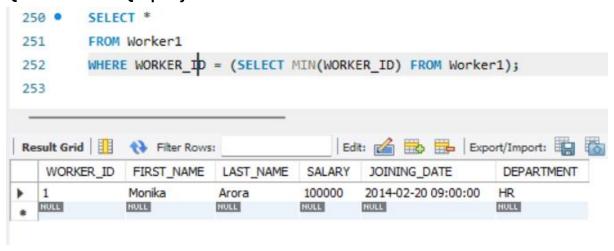
Q-41. Write an SQL query to show all departments along with the number of people in there.



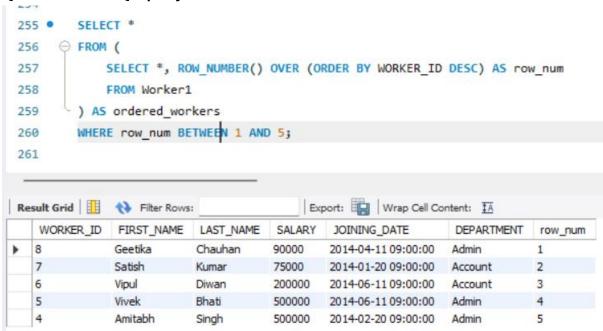
Q-42. Write an SQL query to show the last record from a table.



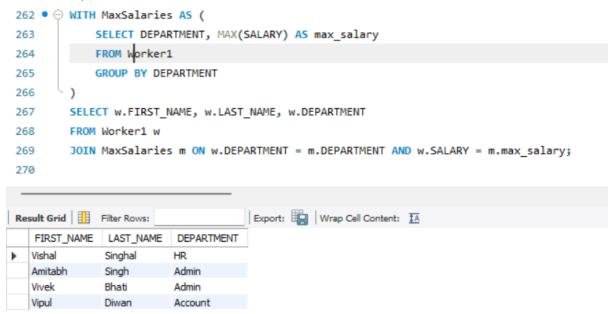
Q-43. Write an SQL query to fetch the first row of a table.



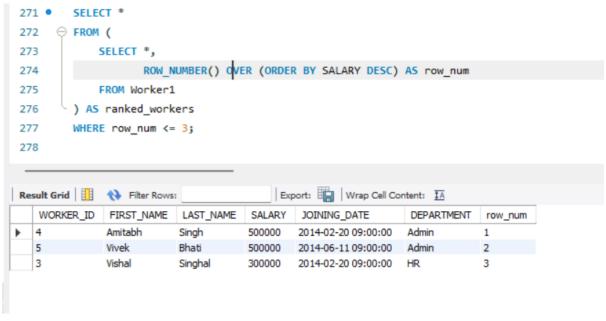
Q-44. Write an SQL query to fetch the last five records from a table.



Q-45. Write an SQL query to print the name of employees having the highest salary in each department.



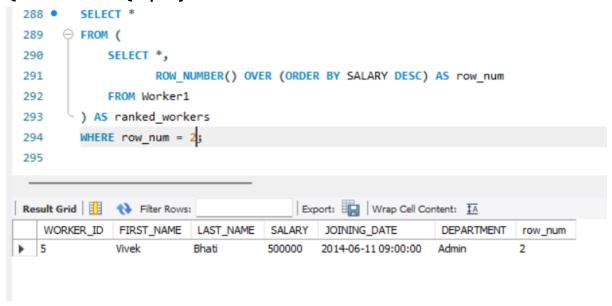
Q-46. Write an SQL query to fetch three max salaries from a table.



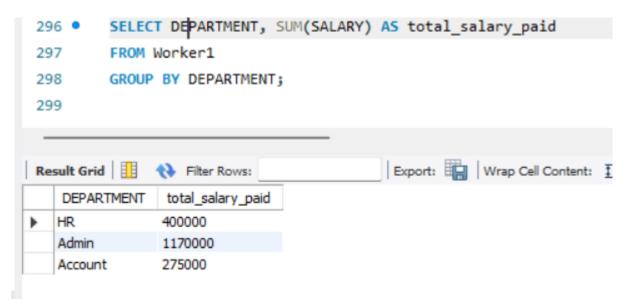
47. Write an SQL query to fetch three min salaries from a table.

Re	esult Grid	♦ Filter Rows	:	Ex	port: Wrap Cell Co	ntent: IA	
	WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT	row_num
•	7	Satish	Kumar	75000	2014-01-20 09:00:00	Account	1
	2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin	2
	8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin	3

Q-48. Write an SQL query to fetch nth max salaries from a table.



Q-49. Write an SQL query to fetch departments along with the total salaries paid for each of them.



Q-50. Write an SQL query to fetch the names of workers who earn the highest salary.

```
301 • SELECT FIRST_NAME, LAST_NAME
302 FROM Worker1
303 WHERE SALARY = (
304
          SELECT MAX(SALARY)
         FROM Worker1
305
      );
306
307
                                 Export:
FIRST_NAME LAST_NAME
Amitabh
            Singh
  Vivek
            Bhati
```