

Assignment(MongoDB)

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Q1 Print all Worker details ordered by FIRST_NAME Ascending

Ans:

```
SELECT * FROM Worker
ORDER BY FIRST_NAME ASC;
```

Q2 Print all Worker details ordered by FIRST_NAME Ascending and DEPARTMENT Descending

Ans:

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

Q3 **Exclude workers with** FIRST_NAME **"Vipul" and "Satish"**

Ans

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

Q4 Find Workers whose FIRST_NAME ends with 'h' and contains six alphabets?

Ans

```
SELECT * FROM Worker
WHERE FIRST_NAME LIKE '_h';
```

Q5 Count employees working in the Admin department

Ans:

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

Q6 Fetch worker names with salaries between 50000 and 100000

Ans

```
SELECT FIRST_NAME, LAST_NAME, SALARY
FROM Worker
WHERE SALARY BETWEEN 50000 AND 100000;
```

Q7 Count workers in each department in descending order

Ans

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

Q8 Write an SQL query to determine the 5th highest salary without using TOP or limit method.

Ans :

```
SELECT DISTINCT SALARY
FROM Worker W1
WHERE 4 = (
SELECT COUNT(DISTINCT SALARY)
FROM Worker W2
WHERE W2.SALARY > W1.SALARY
);
```

Q9 Write an SQL query to fetch the list of employees with the same salary.

Ans:

```
SELECT
FROM Worker
WHERE SALARY IN (
SELECT SALARY
FROM Worker
GROUP BY SALARY
HAVING COUNT( ) > 1
);
```

Q10. Write an SQL query to fetch the departments that have less than three people in it.

Ans:

```
SELECT DEPARTMENT
FROM Worker
GROUP BY DEPARTMENT
HAVING COUNT(*) < 3;
```