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;
```