

**Name-Priyanshu Raj**

**Reg No-22BEY10017**

**1) SQL Query to print all Worker details ordered by FIRST\_NAME Ascending:**

sql

CopyEdit

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

**2) SQL Query to print all Worker details ordered by FIRST\_NAME Ascending and DEPARTMENT Descending:**

sql

CopyEdit

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

**3) SQL Query to print details of workers excluding first names "Vipul" and "Satish":**

sql

CopyEdit

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

**4) SQL Query to print details of workers whose FIRST\_NAME ends with 'h' and contains six alphabets:**

sql

CopyEdit

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

**5) SQL Query to fetch the count of employees working in the department 'Admin':**

sql

CopyEdit

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

**6) SQL Query to fetch worker names with salaries  $\geq 50000$  and  $\leq 100000$ :**

sql

CopyEdit

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

**7) SQL Query to fetch the number of workers for each department in descending order:**

sql

CopyEdit

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

**8) SQL Query to determine the 5th highest salary without using TOP or LIMIT:**

sql

CopyEdit

```
SELECT MIN(SALARY) AS FifthHighestSalary FROM (  
    SELECT DISTINCT SALARY  
    FROM Worker  
    ORDER BY SALARY DESC  
    LIMIT 5  
) AS temp;
```

**9) SQL Query to fetch the list of employees with the same salary:**

sql

CopyEdit

```
SELECT FIRST_NAME, LAST_NAME, SALARY  
FROM Worker  
WHERE SALARY IN (  
    SELECT SALARY  
    FROM Worker  
    GROUP BY SALARY
```

```
HAVING COUNT(*) > 1
```

```
);
```

**10) SQL Query to fetch the departments that have less than three people:**

sql

CopyEdit

```
SELECT DEPARTMENT
```

```
FROM Worker
```

```
GROUP BY DEPARTMENT
```

```
HAVING COUNT(*) < 3;
```