

## “Exp 9: Write down SQL by using WHERE, GROUP BY and HAVING clause.”

### A] Referenced table :-

```
mysql> select * from workers;
```

id	name	department	salary
1	John Doe	Sales	50000.00
2	Jane Smith	Marketing	60000.00
3	Bob Johnson	Sales	55000.00
4	Alice Brown	Marketing	65000.00
5	Tom Wilson	Finance	70000.00

```
5 rows in set (0.00 sec)
```

### B] WHERE clause :-

```
mysql> SELECT * FROM workers WHERE department = 'Sales';
```

id	name	department	salary
1	John Doe	Sales	50000.00
3	Bob Johnson	Sales	55000.00

```
2 rows in set (0.00 sec)
```

### C] GROUP BY :-

```
mysql> SELECT department, ROUND(AVG(salary)) as avg_sal FROM workers GROUP BY department;
```

department	avg_sal
Sales	52500
Marketing	62500
Finance	70000

```
3 rows in set (0.01 sec)
```

### D] HAVING clause :-

```
mysql> SELECT department, ROUND(AVG(salary)) as avg_sal FROM workers GROUP BY department HAVING avg_sal > 60000;
```

department	avg_sal
Marketing	62500
Finance	70000

```
2 rows in set (0.00 sec)
```