

```
SHOW DATABASES;
```

```
CREATE DATABASE s13_impala;
```

```
USE s13_impala;
```

```
CREATE TABLE employees (
```

```
    id INT,
```

```
    name STRING,
```

```
    department STRING,
```

```
    salary DOUBLE
```

```
)
```

```
STORED AS PARQUET;
```

```
INSERT INTO employees VALUES
```

```
(1, 'Aarav', 'Engineering', 95000),
```

```
(2, 'Priya', 'Marketing', 72000),
```

```
(3, 'Rohan', 'Finance', 85000),
```

```
(4, 'Saanvi', 'Engineering', 98000),
```

```
(5, 'Karthik', 'Engineering', 87000),
```

```
(6, 'Neha', 'Marketing', 74000);
```

```
SELECT * FROM employees WHERE department = 'Engineering';
```

```
SELECT * FROM employees WHERE salary > 90000;
```

```
SELECT department, AVG(salary) AS avg_salary FROM employees GROUP BY  
department;
```

```
SELECT * FROM employees ORDER BY salary DESC LIMIT 3;
```

```
SELECT e.name, e.department, e.salary FROM employees e
```

```
JOIN ( SELECT department, AVG(salary) AS avg_salary FROM employees  
      GROUP BY department
```

```
    ) dept_avg
```

```
ON e.department = dept_avg.department
```

```
WHERE e.salary < dept_avg.avg_salary;
```