

# Experiment 10

Date : October 12 2020

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## AIM

\* Implementation of Order By, Group By & Having clause.

## THEORY

### 1. Order By :

Order by keyword sort the result-set either in ascending or in descending order. This clause sorts the result-set in ascending order by default. In order to sort the result-set in descending order **DESC** keyword is used.

### 2. Group By :

Group by statement is used to group the rows that have the same value. It is often used with aggregate functions for example: AVG(), MAX(), COUNT(), MIN() etc. One thing to remember about the group by clause is that the tuples are grouped based on the similarity between the attribute values of tuples.

## Execution steps:

1. Execute the batch script for the 10th Experiment (Exp10) using either of the following commands after using the database.
  - a. `mysql> source Exp10.txt`
  - b. `mysql> \. Exp10.txt`