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Hands-on Exercise:

ANSI SQL Clauses

Version: ANSI SQL/Hands-on Exercise/04/1.0

Table of Contents

[ANSI SQL 06: ANSI SQL Clauses 3](#_Toc356565208)

[Exercise.1 3](#_Toc356565209)

ANSI SQL 06: ANSI SQL Clauses

**Pre-requisites:** Tables should be created and data should be loaded into the tables.

Exercise.1

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| --- | --- |
| Estimated Completion Time: 60 Minutes | Marks: xx |
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| Hands-on Exercise Objective |
| After completing the hands-on exercises, you will be able to:  Write queries using ANSI SQL Clauses. |
|  |  |

Problem Statement:

**Problem 1:**  Develop a SQL query which would retrieve the number of associates enrolled for modules on a specific date grouped by start date and display start date and total number of associates.

=>Select start\_date,count(associate\_id) from associate\_status group by start\_date;

**Problem 2:** Develop a SQL query which would retrieve the number of associates enrolled for modules where trainer id is ‘F001’ grouped by start date and display start date and total number of associates.

=> SELECT count(Associate\_id), Start\_Date from associate\_status where trainer\_id='F001' group by Start\_Date;

**Problem 3:** Develop a SQL query which would retrieve the number of associates enrolled for modules where trainer id is ‘F001’ grouped by module start date and display module start date and total number of associates where the total number of associates > 2.

=>SELECT count(Associate\_id), Start\_Date from associate\_status where trainer\_id='F001' group by Start\_Date having count(Associate\_Id)>2;

**Problem 4:** Develop a SQL query which displays all the modules in increasing order of module duration.

=>SELECT \* FROM Module\_info order by Module\_Duration;

**Problem 5:** Develop a SQL query which would retrieve and display the associates name, their module enrolled (module name and module id), base fees. Display the records ordering the base fees in descending order.

=> Select name,modname,modid,basefee from associate\_status order by basefee desc;

Deliverables Expected:

**Solution Queries**

Tips:

<http://dev.mysql.com/doc/refman/5.0/en/group-by-functions-and-modifiers.html>

<http://dev.mysql.com/doc/refman/5.0/en/select.html>