**MySQL Labs**

**MySQL (Day2):**

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| ***1*** | ***Update students courses table, set the registration date value to “Today”;*** |
|  |  |
| ***2*** | ***Display the registration date in the following format:***  ***Day, month/ year*** |
|  |  |
| ***3*** | ***Display the full name (first, last) of the student with his grade.***  ***if his garde is greater than 85% Excellent, from 75% to 85% Very good, from 65% to 75% Good and from 55% to 65% pass otherwise will be graded as failed.*** |
|  |  |
| ***4*** | ***Display the capitalized last name , and the grade , if he has no grade display the keyword absent. [using ifNULL function]*** |
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| ***5*** | ***Display students' names, course name along with their grades.*** |
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| ***6*** | ***For each course, display the course name, min grade, max grade, average grade, number of attended students.*** |
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| ***7*** | ***Use subquery to display the names of the students who were born before student no 1.*** |
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| ***8*** | ***Use subquery to display the data of all the courses with a credit hour similar to MySQL's credit hours*** |
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| ***10*** | ***Create a view called female\_students\_vu to display all the female students*** |
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| ***11*** | ***Try to insert a male student through your view*** |
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| ***12*** | ***Select all the data from your view and then from the students table*** |
|  |  |
| ***13*** | ***Prevent the ability to insert another male student through you view*** |
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| ***14*** | ***Use the information schema to display the table name , schema and the updatability of the female\_students\_vu view*** |
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| ***15*** | ***Use the information schema to display the create time, table\_rows, auto\_increment, and the comments on the students table.*** |
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| ***16*** | ***Create a nonunique index on the foreign key column (COURSE\_ID) in the students\_courses table.*** |
|  |  |
| ***17*** | ***Create a user with your name and give him the privilege to access the grades database*** |
|  |  |
| ***18*** | ***Connect to mysql using the user you created and try to insert one record in the courses table.*** |
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| ***19*** | ***Change your password.*** |
|  |  |
| ***20*** | ***Show your privileges.*** |
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