MySQL Labs

MySQL (Day1):

1.	Create a database called grades
2.	**Create the following tables in the grades database:** **students** **student_id** *int pk* *student_name varchar (100) not null* *email varchar (50)* *tel varchar (20)* **courses** **course_id** *int pk* *course_name varchar(100) not null* *credit_hour int* **students_courses** **course_id** *int* **student_id** *int* *grade int* *reg_date date*
3	**Modify the students table to allow for longer Student names (150 char) Confirm your modification.**
4	**Add constraint to force unique email for each student**
5	**Get Time, Date, Current user, MySQL Version using prompt?**

6	Add gender column for the students table. It holds two value (male or female)
7	Add birth_date column for the students table.
8	Drop the student_name column and replace it with first name and last name.
9	Insert your friend's data into the table students.
10	Create a new table (male_students) based on students table and fill it with the data of male students

Use CMS_Alex

Run Lab Script then answer the following

1	Display all students' information.
2	Display <u>male</u> students only.
3	Display the <u>number of female</u> students.
4	Display the <u>students' data</u> for the students who are born before 1992-10-01.
5	Display the male <u>students' data</u> for the students who are born before 1991-10-01.
6	Display <u>course_id</u> and their grades sorted by grades.
7	Display <u>students' names</u> that begin with A.
8	Display the <u>gender, number of males and females</u>.
9	Display the <u>repeated first names</u> and <u>their counts</u> if higher than 2.
10	Display the <u>subject with highest grade</u>