

Lab3 assignment: Altering Tables Definitions, Creating Views

Apply all of the following to the LabDB, which you created in Lab2

- Add the following columns

Added Column	Type	Altered Table	Order	Comments
NID	Number(10)	Instructor	First column	Unique
Major	Varchar(5)	Student	After “deptname”	
GPA	Number(3,2)	Student	At the end	GPA<=4

- In the “course” table, add a constraint that the “credits” should be less than or equal to 5
- Carry out the following changes
 - o In the “classroom” table, rename the column “capacity” to “NoofSeats”
 - o In the “takes” table, change the data type of the column grade from VARCHAR to Number(3)
 - o Rename table “prreq” to “prerequisite”
 - o In the “department” table, drop the column “budget”
- Create a view, which has the following column (instructor.ID, instructor.name, department.dept_name, student.ID, course.course_id)

Lab submission requirements

- Each student should write DDL code to carry out the above tasks on MySQL workbench.
- After finishing, the complete SQL should be saved and showed to the lab instructor to get the marks
- Note: No data should be added in this lab. Only the modification of each table should be provided