National University of Computer and Emerging Sciences



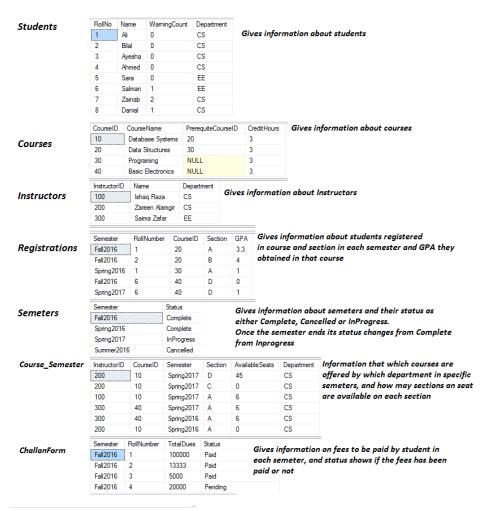
In lab

"Triggers"

Database Systems
Spring 2022

Department of Computer Science

FAST-NU, Lahore, Pakistan



A student can only register for courses in any semester whose status is InProgress. The GPA for all InProgress semester courses will be -1.

Functionality 1:

Create a trigger that doesn't allow you to delete any student from the student Table.

The print message "You don't have the permission to delete the student"

Functionality 2:

Create a trigger that doesn't allow you to insert any course in Courses Table.

The print message "You don't have the permission to Insert a new Course"

Functionality 3:

According to university rules, Students before enrolling in a new course should have no fee charges due. Create a trigger to ensure that no student is enrolled in a new course with more than 20,000 fee charges due.

Functionality 4:

Create a trigger that does not let you delete any course semester whose available seats are less than 10. Print 'not possible'.

Otherwise prints 'Successfully deleted', after you delete any course semester whose available seats are 10 or more.

Functionality 5:

Create a trigger to stop tables, from being modified or dropped.