Fundamentals of Data Management

Pass Tasks 5.1.2: SQL - Data Definition Language

Overview

In this tutorial, you will practise using SQL DDL statements to CREATE, ALTER and DROP tables in databases.

<u>Purpose</u>

Learn to write SQL DDL statements to create tables.

Task

Solve the tasks given below.

Time

This task should be completed in your fifth lab class and submitted for feedback in the fifth lab.

Resources

- Elmasri & Navathe, Fundamentals of Database Systems
- Connolly & Begg, Database Systems, Chapter 7
- Online resources, e.g.
 - Several topics on SQL at this link: http://www.w3schools.com/sql/default.asp

Feedback

Discuss your solutions with the tutorial instructor.

<u>Next</u>

Get started on Task5.1.3.

Pass Tasks 5.1.2 — Submission Details and Assessment Criteria

Document your solutions to the tasks using a Word processor and upload to Doubtfire as pdf. The tutors will discuss them with you in the lab.





Consider the following:

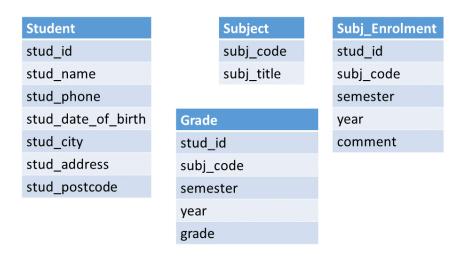


Figure 1: Parts of the University Database

Subtask 5.1.2

Define the primary key for each relation. Make sure the primary key identifies each tuple uniquely. There can (and will) be composite keys. Do not use surrogate keys (do no add additional attributes to the relations).

Document in a table:

Relation	Primary key
Student	
Enrolment	,,

Upload to Doubtfire.

