



# Fundamentals of Data Management

## Pass Tasks 5.1: SQL - Data Definition Language

### Overview

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

### Purpose

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 or at the beginning of lab 6.

### Resources

- Online module (from Canvas)
- 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.

### Next

Get started on module 6.

## Pass Tasks 5.1 — 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:

Student	Subject	Subj_Enrolment
stud_id	subj_code	stud_id
stud_name	subj_title	subj_code
stud_phone		semester
stud_date_of_birth		year
stud_city		comment
stud_address		
stud_postcode		

Grade
stud_id
subj_code
semester
year
grade

Figure 1: Parts of the University Database

### Subtask 5.1.4

Write the appropriate DDL statement to create the University database shown in figure 1. Try them out in a database of your choice, e.g. MySQL in the VM.

Document the script and upload.