03 Lecture Notes

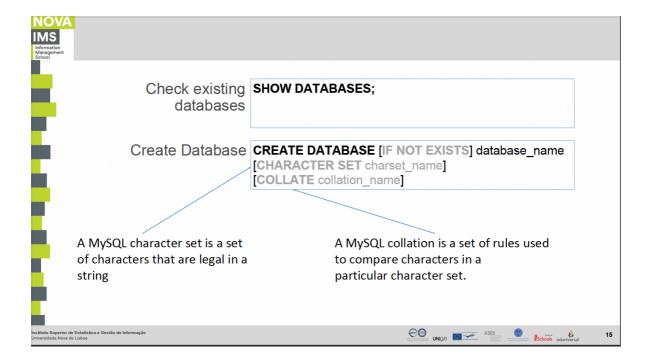
SQL - Part 1 (Structured Queried Language)

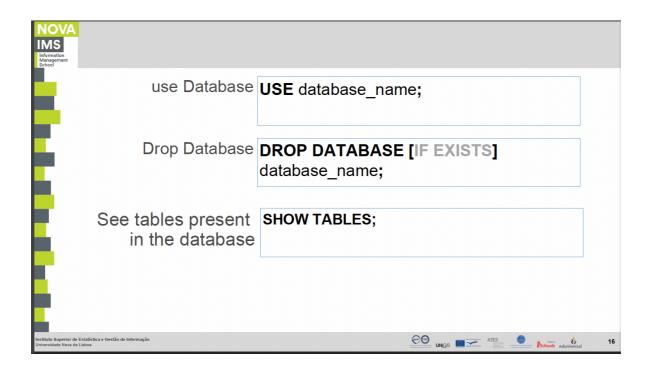
SQL is a standard language for storing, manipulating and retrieving data in databases.

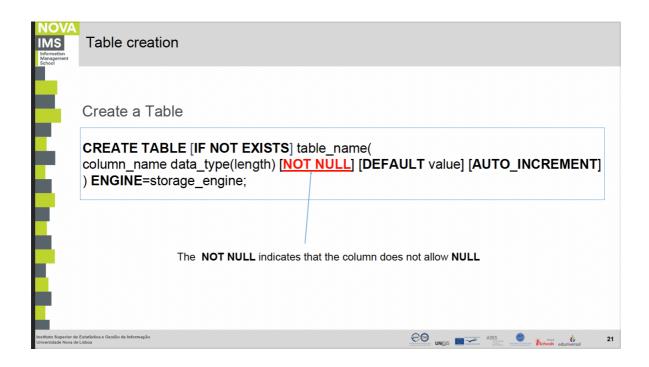
Learning Resources

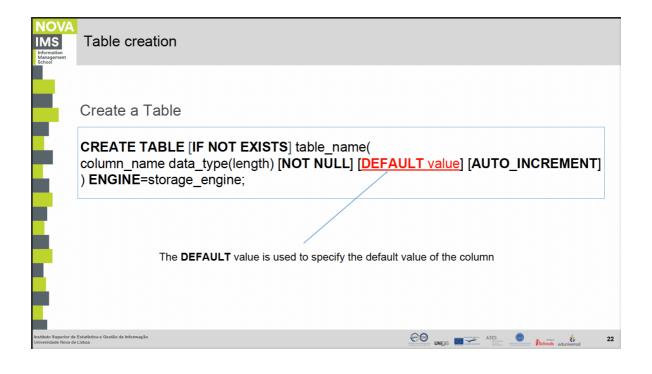
https://www.w3schools.com/sql/ - Complete Sql Program here.

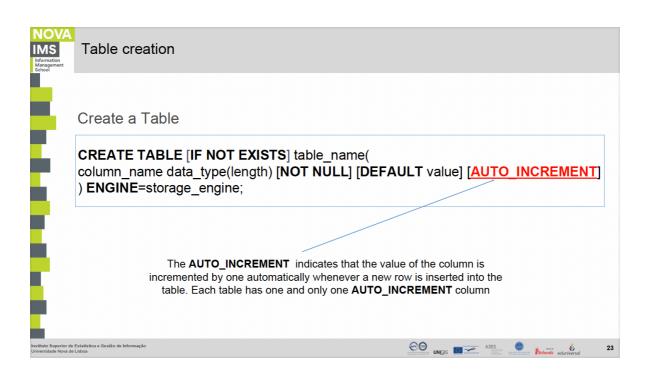
Practice is key - Tutorials available at https://www.mysqltutorial.org/.

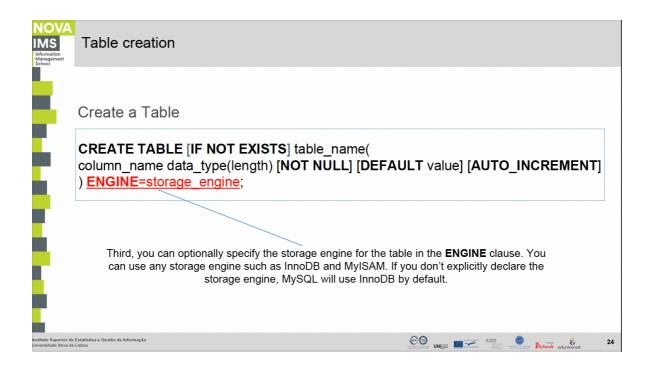


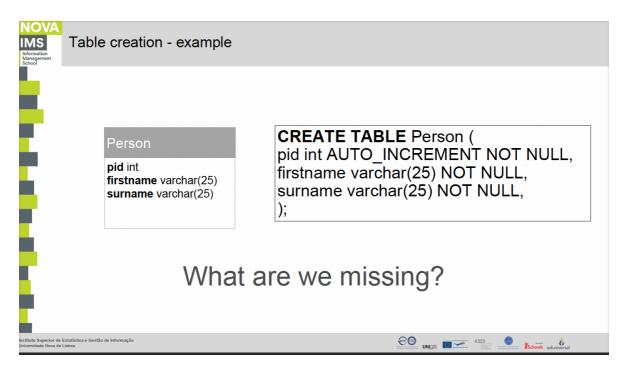




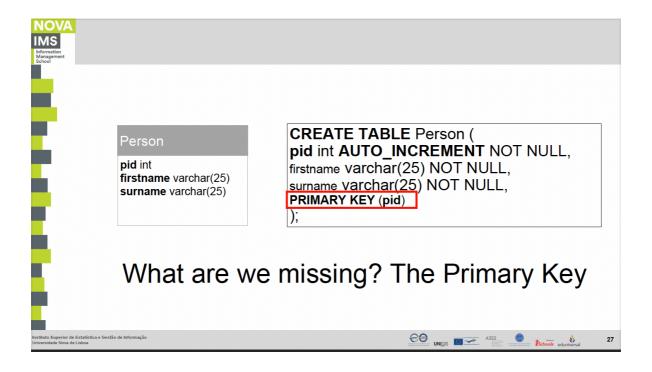


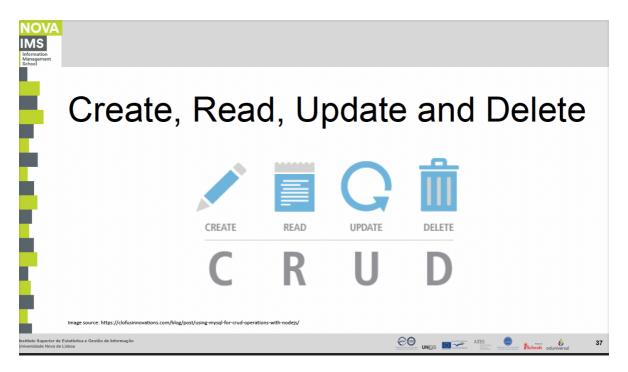




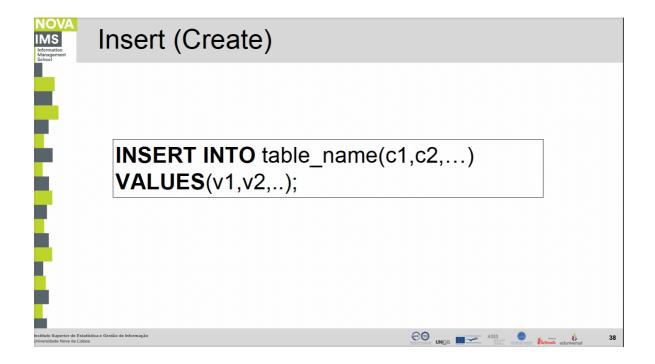


Declaring Pid as primary key is missing. See below





CREATE

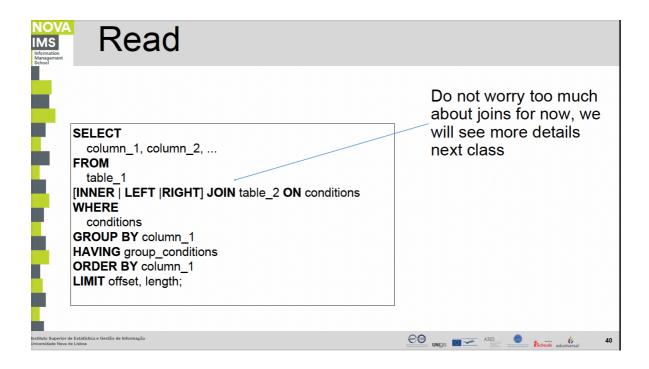


Insert one task into the table **tasks**: INSERT INTO **tasks**(title, priority)

VALUES('Learn MySQL INSERT Statement',1);

| | task_id | title | start_date | due_date | priority | description |
|---|---------|------------------------------|------------|----------|----------|-------------|
| • | 1 | Learn MySQL INSERT Statement | NULL | NULL | 1 | NULL |

READ



Update example You want to update the email of an employee in table employee: UPDATE employee SET email = 'mary.patterson@classicmodelcars.com' WHERE employeeNumber = 1056;

| | firstname | lastname | email |
|---|-----------|-----------|-------------------------------------|
| • | Mary | Patterson | mary.patterson@classicmodelcars.com |

DELETE

