

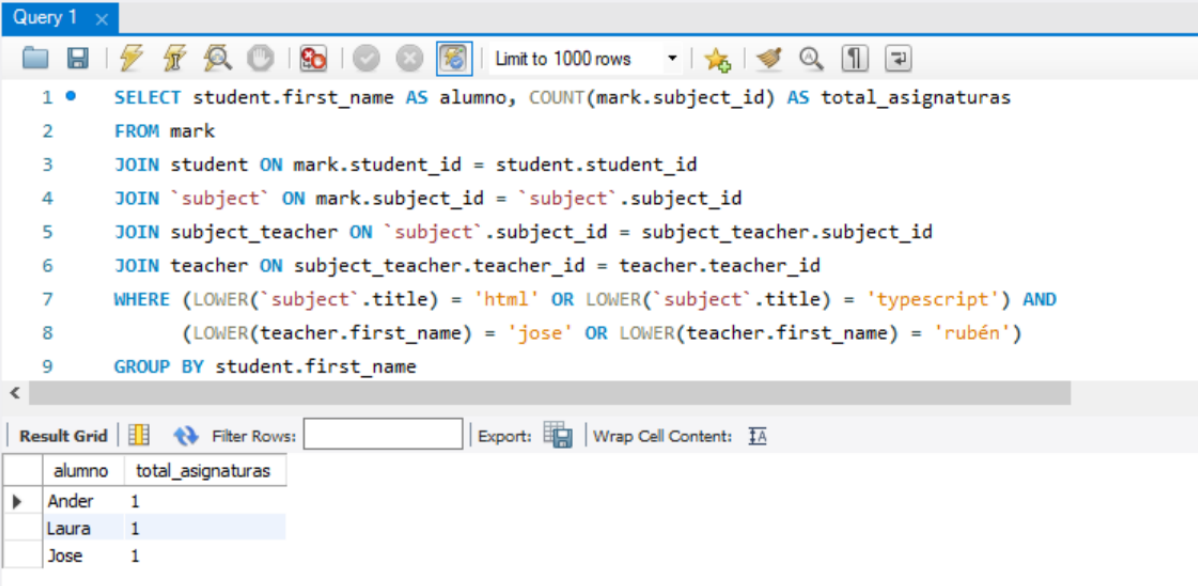
Módulo 4 - Día 2

Reto opcional 1

- Obtén los nombres de los alumnos y la cantidad total de asignaturas por alumno que sean HTML o TypeScript y cuyo profesor sea Jose o algún compañero queelijáis.

ACLARACIÓN: El acceso a las asignaturas y a los profesores será a través de su id.

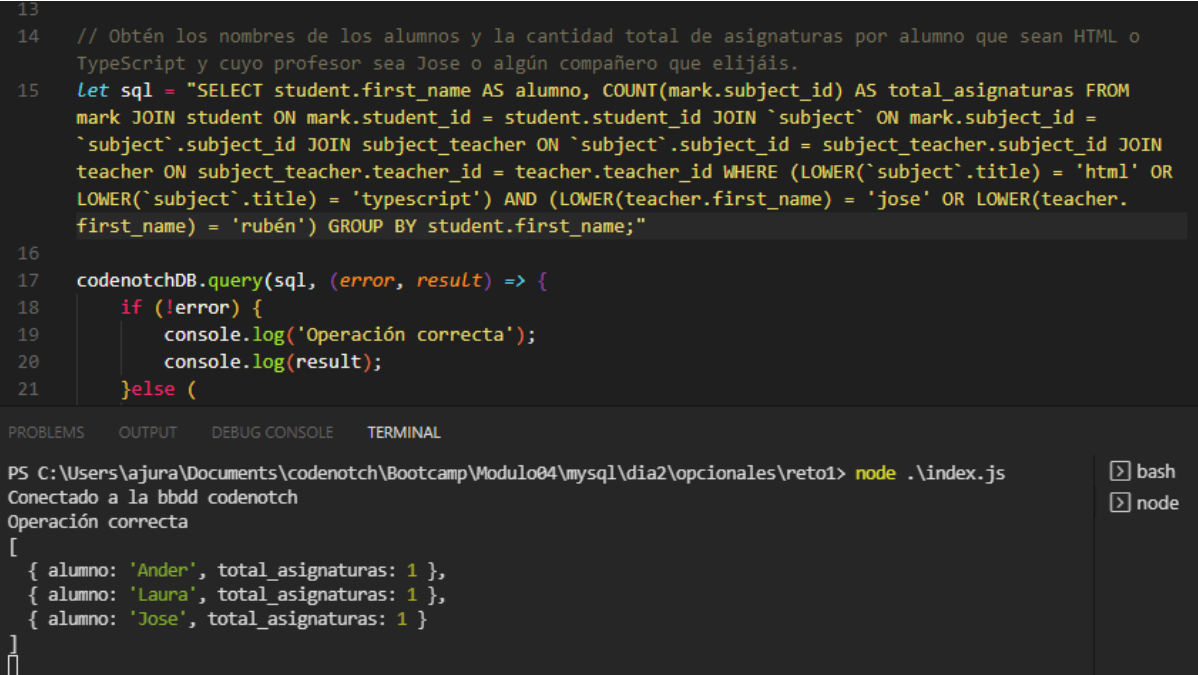
Workbench



The screenshot shows the MySQL Workbench interface. The top pane contains a SQL query that joins the 'mark', 'student', 'subject', 'subject_teacher', and 'teacher' tables. It filters for subjects named 'html' or 'typescript' and teachers named 'jose' or 'rubén'. The results are grouped by student's first name. The bottom pane shows the 'Result Grid' with the following data:

alumno	total_asignaturas
Ander	1
Laura	1
Jose	1

nodejs



The screenshot shows a Node.js application running a SQL query. The code defines a SQL query string and uses the 'codenotchDB' library to execute it. The results are logged to the console. The terminal output shows the command 'node .\index.js' being executed, and the console output shows the results of the query:

```
[
  { alumno: 'Ander', total_asignaturas: 1 },
  { alumno: 'Laura', total_asignaturas: 1 },
  { alumno: 'Jose', total_asignaturas: 1 }
]
```