

Cloud Computing and Big Data LIS 4102 SECTION 1

Dr. Genoveva Vargas-Solar

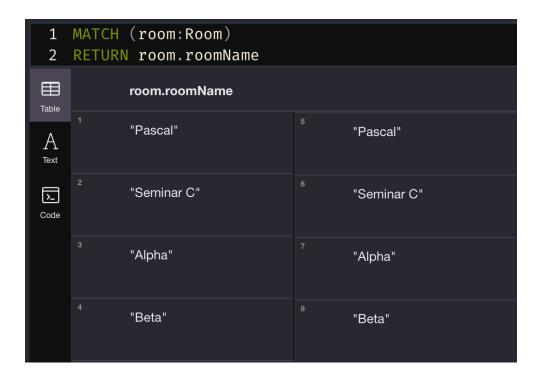
Assignment 3: Creating and Querying Graphs with Cypher on Neo4J

Melina Escobedo Zárate

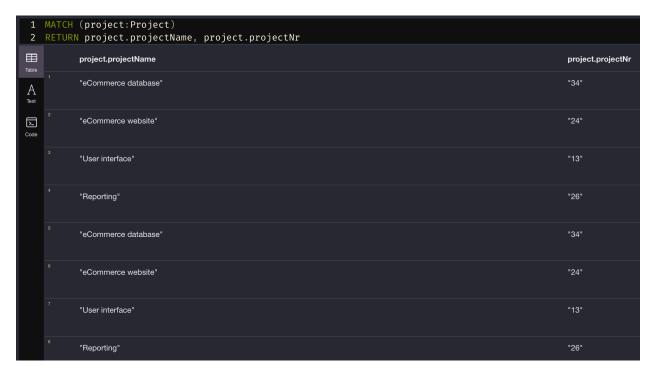
ID 164094

February 20th '22

1. Which are the names of the available rooms?



2. Which are the names of the current projects?



3. In which room does courses labelled with number "1" take place? Retrieve the course name and the names of the rooms in which the course takes place.



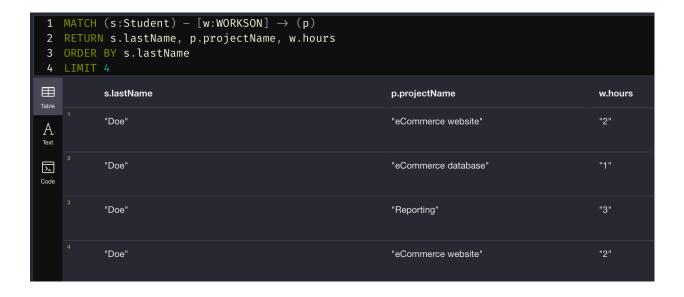
4. How many hours and in which projects does student with student number "1" works on? Retrieve the first name of the student, the project the student works on, and the corresponding number of hours worked on the project.



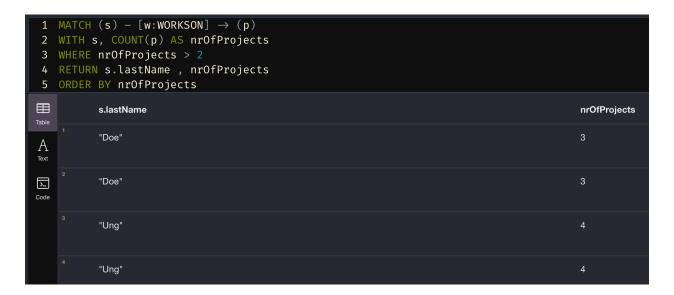
5. Which students and how many hours do they work on the project with project number "24"? Retrieve the project name, the last name of the student and the corresponding number of hours worked on the project.



6. Which students work in which projects and how many hours? Retrieve the last name of the students, the name of the projects they work on, and the corresponding number of hours. Order the results by the last name of the students. Limit the results to four.



7. Which students work on more than two projects and on how many projects exactly? Retrieve the last name of the students and the corresponding number of projects. Order the results by the number of projects.



8. Which students have the same last name and work on the same projects? Retrieve the first name of the students and the name of projects they share.

