## Academics Management System [Task 1] - Results Images

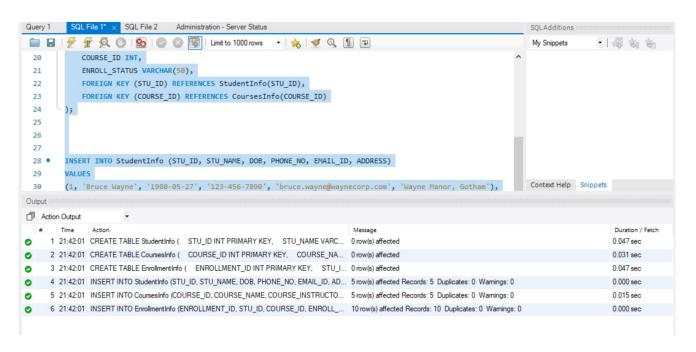
- 1. Database Creation:
- a) Create the StudentInfo table with columns STU\_ID, STU\_NAME, DOB, PHONE\_NO, EMAIL\_ID, ADDRESS.
- b) Create the CoursesInfo table with columns COURSE\_ID, COURSE\_NAME,COURSE\_INSTRUCTOR NAME.
- c) Create the EnrollmentInfo with columns ENROLLMENT\_ID, STU\_ ID, COURSE\_ID,

ENROLL\_STATUS(Enrolled/Not Enrolled).

## 1. Data Creation:

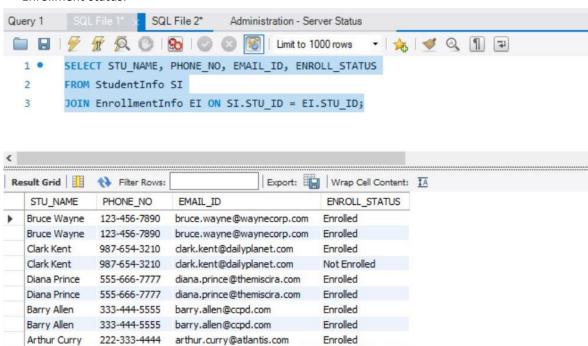
Insert some sample data for StudentInfo table , CoursesInfo table, EnrollmentInfo with respective fields.

All insert and create operations done -Attaching results image –



## 3) Retrieve the Student Information

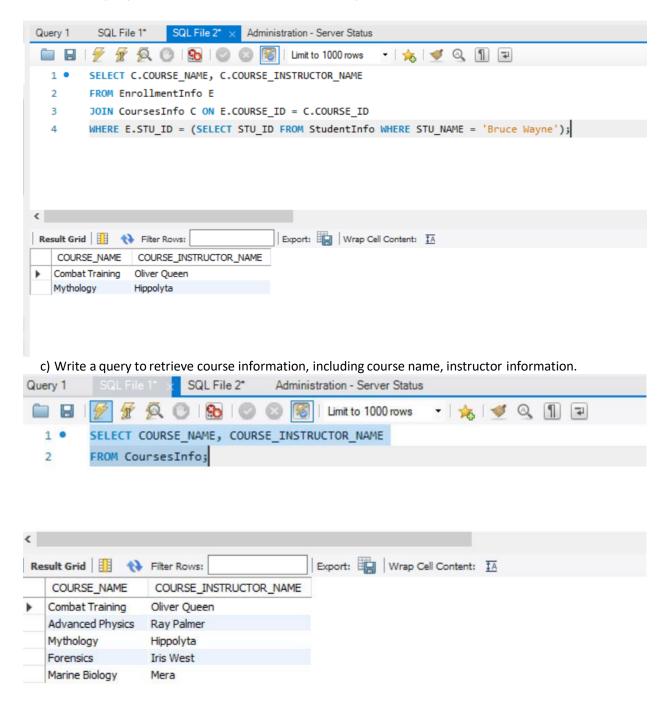
a) Write a query to retrieve student details, such as student name, contact informations, and Enrollment status.



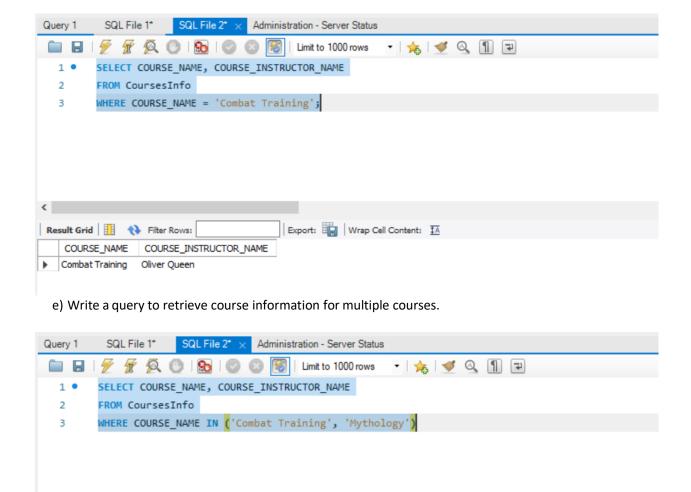
Not Enrolled

Arthur Curry 222-333-4444 arthur.curry@atlantis.com

b) Write a query to retrieve a list of courses in which a specific student is enrolled.



d) Write a query to retrieve course information for a specific course .



f) Test the queries to ensure accurate retrieval of student information.( execute the queries andverify the results against the expected output.)

Export: Wrap Cell Content: IA

4. Reporting and Analytics (Using joining queries)

COURSE\_INSTRUCTOR\_NAME

Filter Rows:

Hippolyta

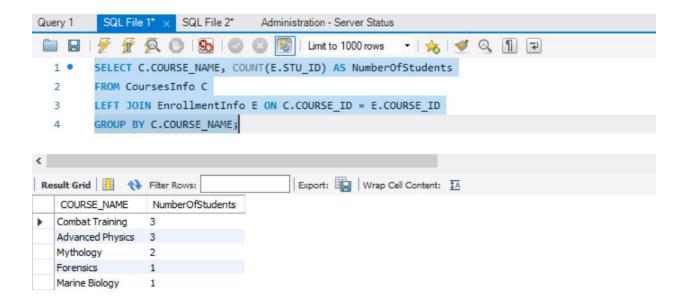
Oliver Queen

Result Grid

Mythology

COURSE\_NAME
Combat Training

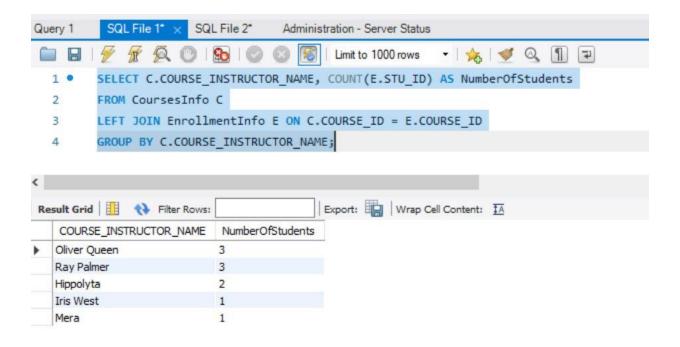
a) Write a query to retrieve the number of students enrolled in each course



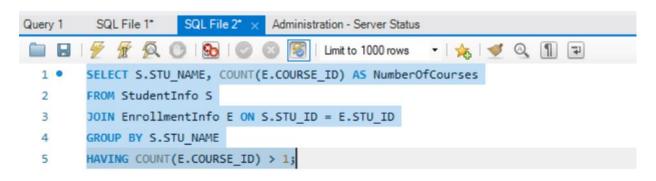
b) Write a query to retrieve the list of students enrolled in a specific course

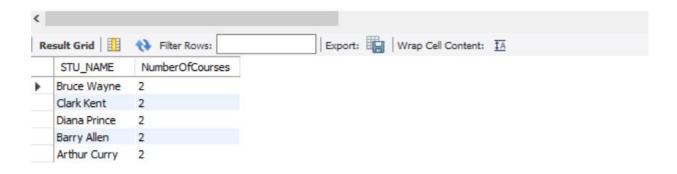
SQL File 2\* × Administration - Server Status | 🥖 🖅 👰 🔘 | 😘 | 🔘 🔞 Limit to 1000 rows SELECT S.STU\_NAME 1 • FROM StudentInfo S 2 JOIN EnrollmentInfo E ON S.STU ID = E.STU ID 3 WHERE E.COURSE\_ID = (SELECT COURSE\_ID FROM CoursesInfo WHERE COURSE\_NAME = 'Combat Training'); 4 Export: Wrap Cell Content: IA STU\_NAME Bruce Wayne Clark Kent Barry Allen

c) Write a query to retrieve the count of enrolled students for each instructor.



d) Write a query to retrieve the list of students who are enrolled in multiple courses





e) Write a query to retrieve the courses that have the highest number of enrolled students(arranging from highest to lowest)

