Information Management Assignment 2



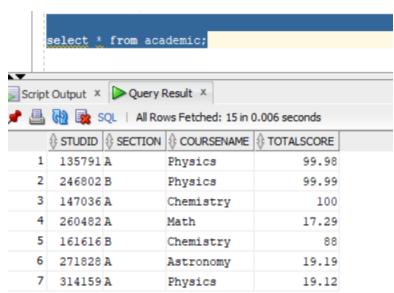
BY: Rochan Nehete - rrn479

Q1. Show all the records from (all the) table(s) you have created

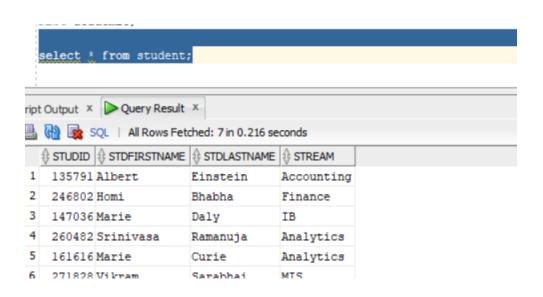
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Quei y bulluci
  CREATE TABLE student
   STUDID NUMBER (6) PRIMARY KEY,
   STDFIRSTNAME varchar2 (30) NOT NULL,
   STDLASTNAME varchar2 (30),
   STREAM varchar2(30) CHECK (STREAM IN ('Accounting', 'Finance', 'IB', 'Marketing', 'MIS', 'Analytics'))
   DESC STUDENT
Table STUDENT created.
Name
           Null? Type
STUDID NOT NULL NUMBER (6)
STDFIRSTNAME NOT NULL VARCHAR2 (30)
                     VARCHAR2 (30)
STDLASTNAME
STREAM
                     VARCHAR2 (30)
     DESC STUDENT
    CREATE TABLE academic
    STUDID NUMBER (6),
    SECTION varchar2(1) CHECK (SECTION IN ('A', 'B')),
    COURSENAME varchar2 (30),
    TOTALSCORE NUMBER (5,2) CHECK (TOTALSCORE BETWEEN 0.00 AND 100.00),
    FOREIGN KEY (STUDID) REFERENCES student (STUDID)
    );
     DESC academic;
Table ACADEMIC created.
Name Null? Type
STUDID
SECTION
               NUMBER (6)
                VARCHAR2(1)
COURSENAME
                VARCHAR2 (30)
               NUMBER (5,2)
TOTALSCORE
```

Data Import Wizard - Step 1 of 4

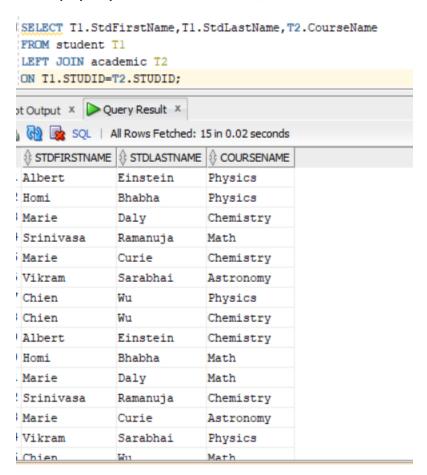
ata Preview Restore State Data Preview Import Method Source: Local File ▼ Column Definition File: C:\Users\Rochan Nehete\Downloads\academic.csv ▼ Browse... File Format ✓ Header After Skip ▼ Skip Rows: ٠ Eormat: P Preview Row Limit: 100 Encoding: UTF-8 Delimiter: Line Terminator: standard: CR LF, CR or LF Left Endosure: Right Endosure: StudID CourseName TotalScore Section 135791 99.98 Physics 246802 Physics 99.99 147036 Chemistry 100 260482 17.29 Math 161616 Chemistry 271828 Astronomy 314159 Physics 19.12 314159 Chemistry 100 135791 A Chemistry 246802 Math < Back Next > Enish Cancel Help



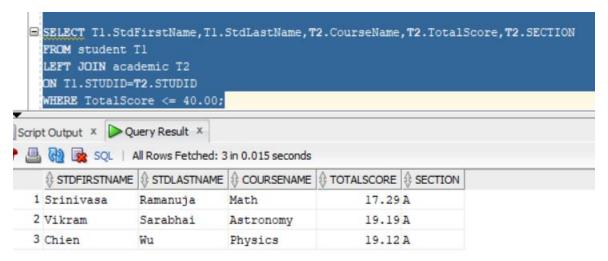
△ SQL All Rows Fetched: 15 in 0.009 seconds				
1	135791	A	Physics	99.98
2	246802	В	Physics	99.99
3	147036	A	Chemistry	100
4	260482	A	Math	17.29
5	161616	В	Chemistry	88
6	271828	A	Astronomy	19.19
7	314159	A	Physics	19.12
8	314159	В	Chemistry	100
9	135791	A	Chemistry	75
10	246802	A	Math	48
11	147036	A	Math	67
12	260482	A	Chemistry	92.71
13	161616	В	Astronomy	88.88
14	271828	A	Physics	91.91
15	314159	2	Math	91 21



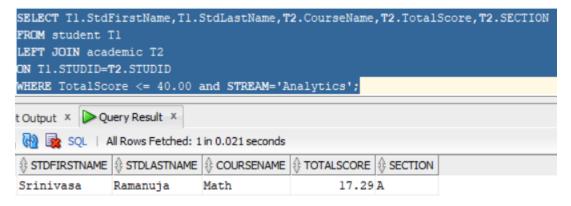
Q2. Display only the first and last names, and courses each student is enrolled in



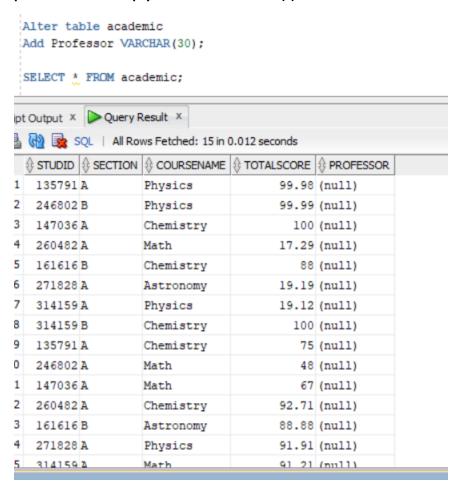
Q3. Which students are failing in which classes, where the failing grade is 40%?



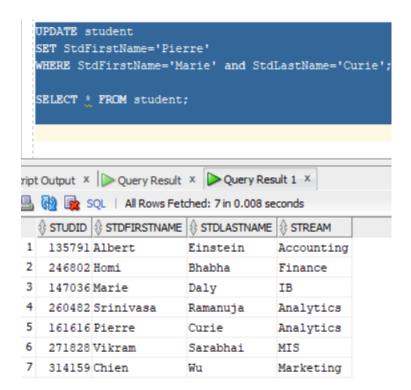
Q4. Which students from the Analytics stream are failing?



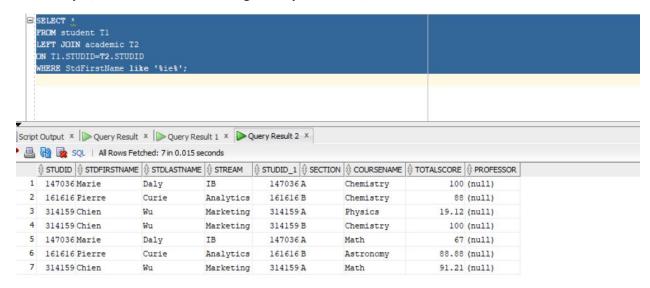
Q5. Now alter the table(s) by adding a Professor to each class being taught. Right now keep the professor name empty. Show the new table(s)



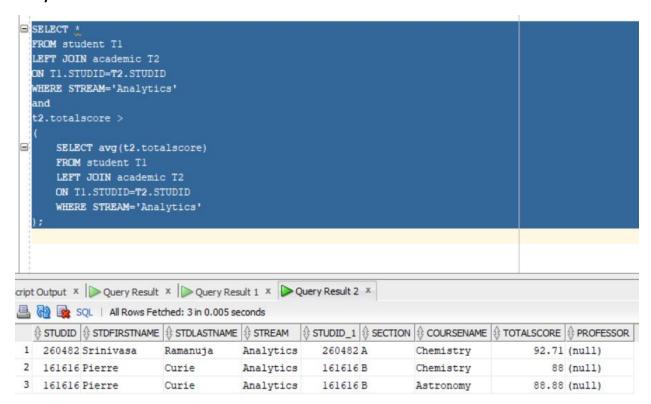
Q6. Change the student name 'Marie Curie' to 'Pierre Curie'



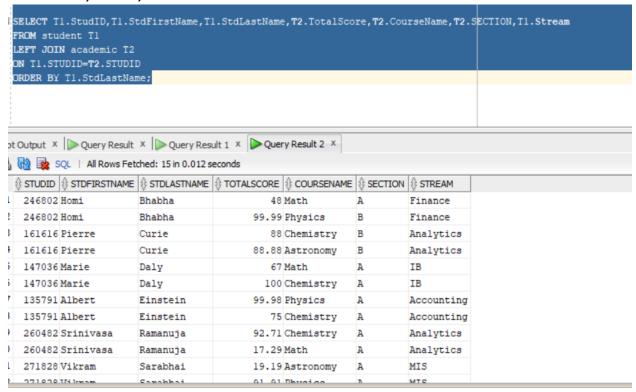
Q7. Display the full record for those students whose first name contains the regular expression 'ie'. For example, the word lied has the regular expression 'ie', while lai does not.



Q8. Find all the students from the Analytics stream whose score is greater than the average of the Analytic stream students.



Q9. Print the information from these columns StudID, StdFirstName, StdLastName, TotalScore, CourseName, Section, Stream sorted on the last name of the students



Q10. Find the student who received the highest score on each subject (ignore the sections A and B for each subject to find the topper in each subject)

