**Data Testing Assessment**

A school 'Study & Play' has different branches in India. Students appeared in 10th & 12th board have scored good marks in different subjects. 'Study & Play' wants to recognize teachers across different streams to award them for their student's performance.

'Student & Play' are looking for a data warehouse solution to do analysis on student performance in a particular branch or subject.

**Exercise -**

As a part of this exercise, use the below Student data to import in database table.

Sample Data –

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Student Name | StudentRollNo | Class | Age | Father's Name |
| AJAY KUMAR | IETLINF01 | X | 16 | PREM KUMAR |
| RAJAT MISHRA | IETLINF02 | XI | 17 | PANKAJ MISHRA |
| SUDHEER SHARMA | IETLINF03 | IX | 15 | SUNDER SHARMA |
| NANCY KAUR | IETLINF04 | XII | 18 | AK SINGH |
| SUMITA SHARMA | IETLINF05 | IV | 14 | AJAY SHARMA |
| NANDINI GUPTA | IETLINF06 | VII | 18 | RAM GUPTA |
| RAM KUMAR | IETLINF07 | X | 16 | RAMAN KUMAR |

Tasks

1. Create above table in database and insert the data.

CREATE TABLE Studentdata (

StudentName varchar(255),

StudentRollNo varchar(255),

StdClass varchar(255),

Age int,

FatherName varchar(255)

);

INSERT INTO Studentdata (StudentName, StudentRollNo, StdClass, Age, FatherName)

VALUES ('SUMITA SHARMA', 'IETLINF05', '1v', 14, 'AJAY SHARMA');

INSERT INTO Studentdata (StudentName, StudentRollNo, StdClass, Age, FatherName)

VALUES ('RAM KUMAR', 'IETLINF07', 'X', 16, 'RAMAN KUMAR');

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1. Write sql query to find out total number of students in each class.

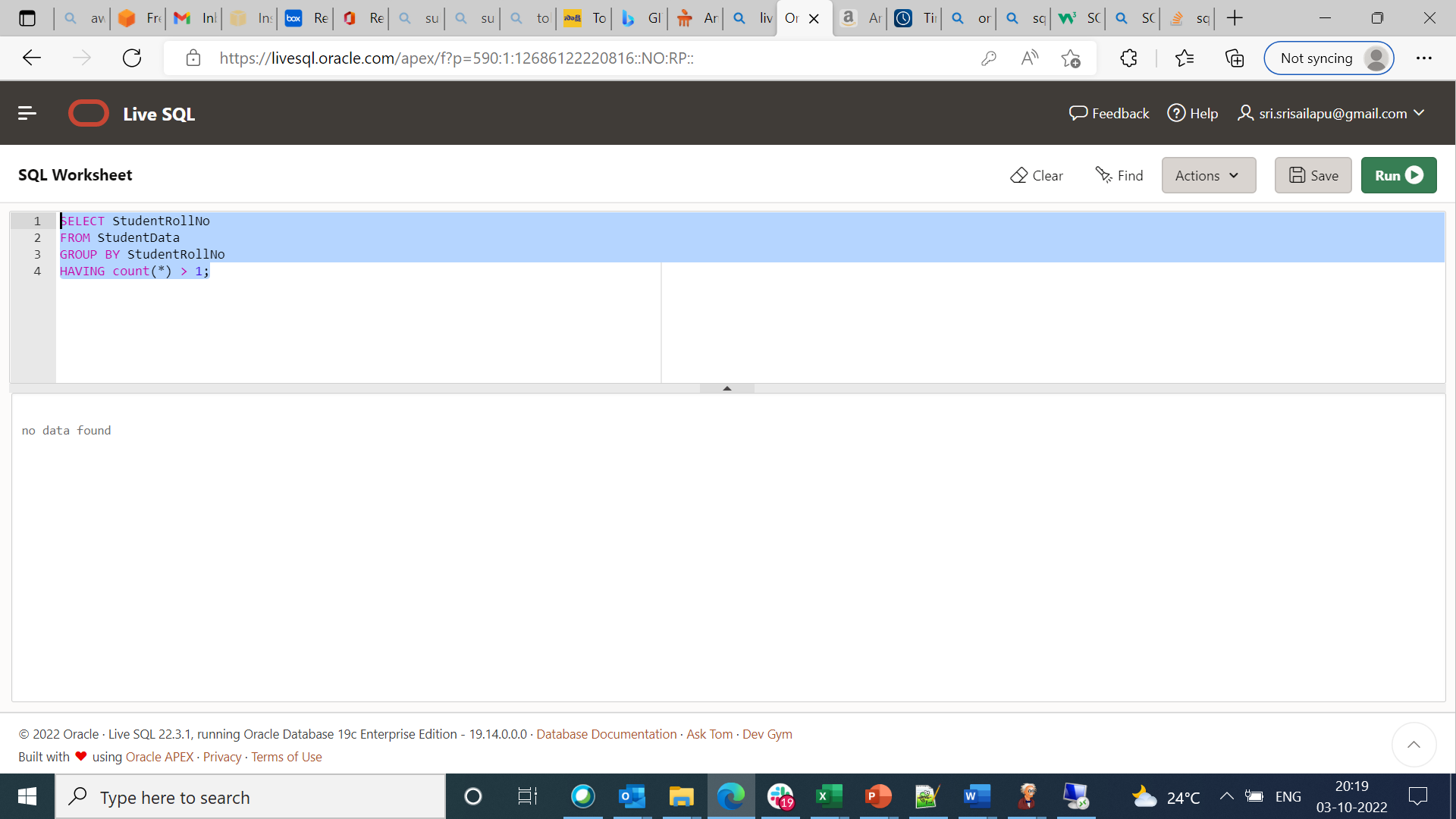
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1. Write sql query to find out average age of students in each class.

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1. Write sql query to find out the number of students having same roll no.
2. 
3. Write sql query to view the duplicate name of a student from the table.

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