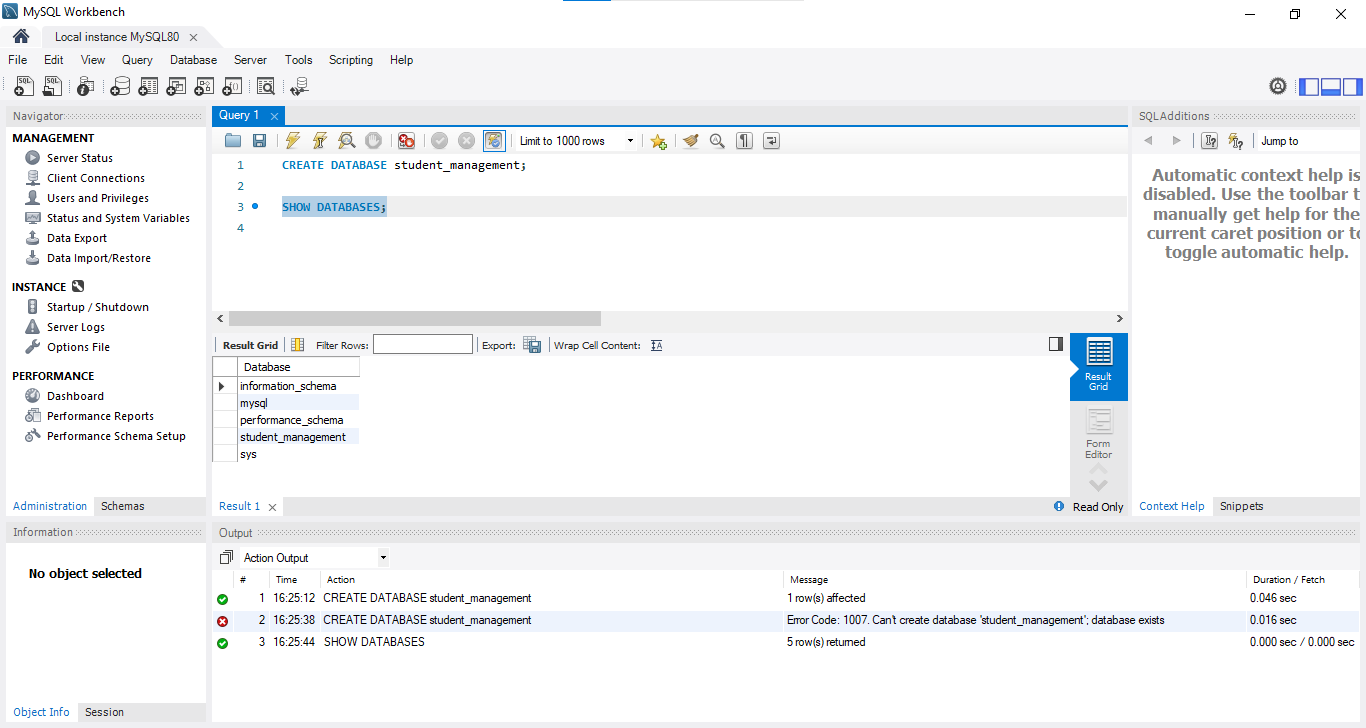
ASSIGNMENT 2



1. Create a Table with Constraints

Create a table named students\_info with the following structure and constraints:

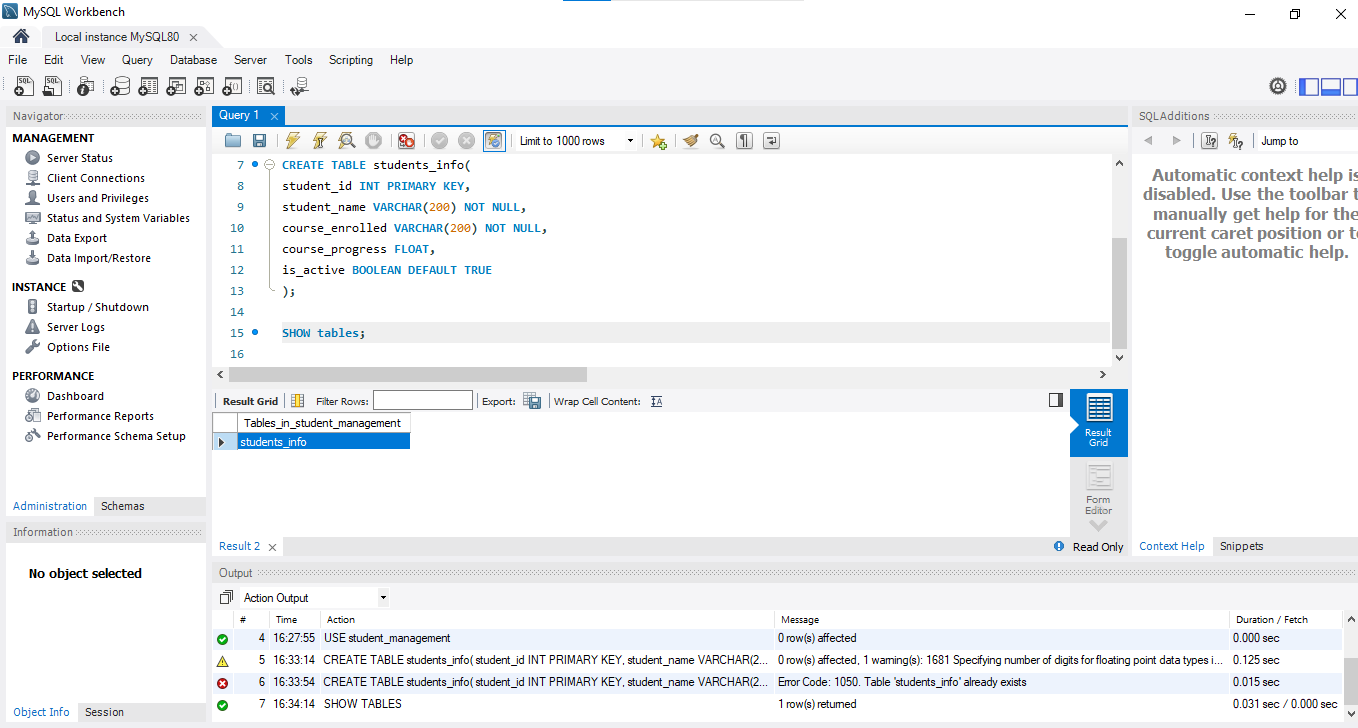
student\_id should be the primary key.

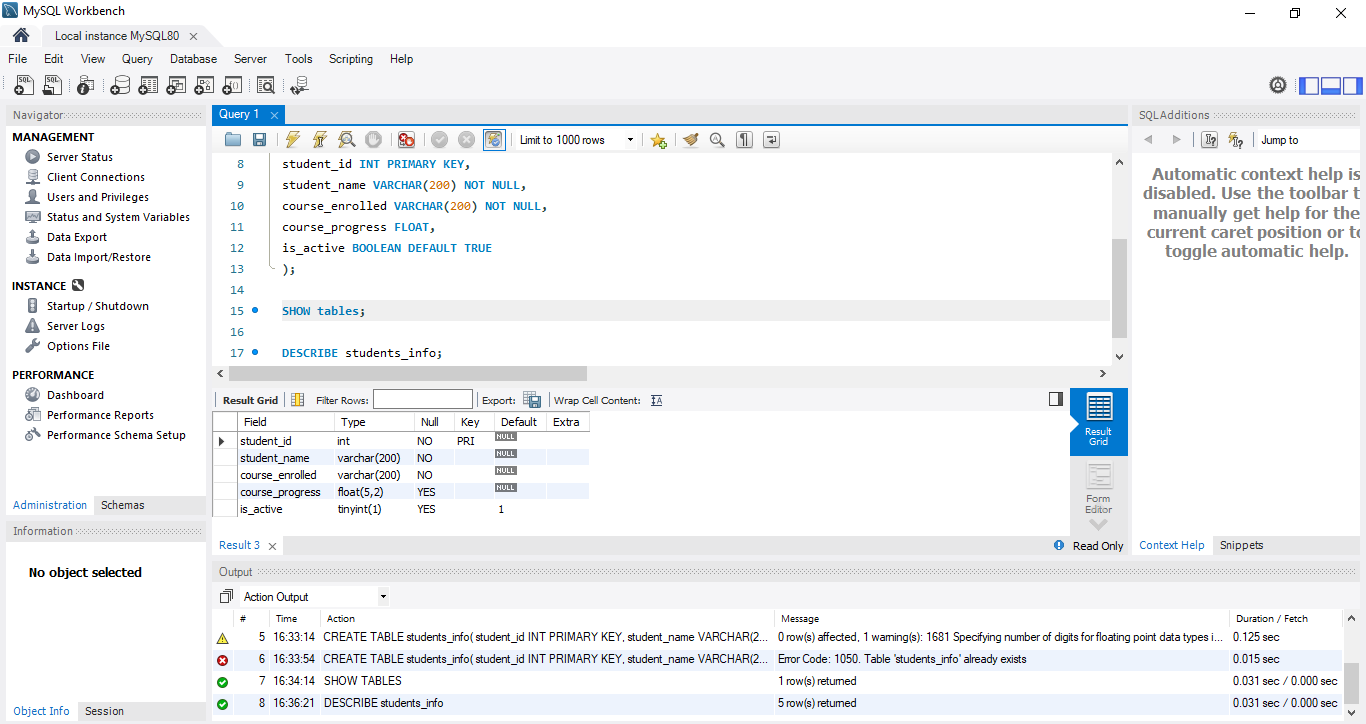
student\_name should not be NULL.

course\_enrolled should not allow NULL values.

course\_progress (float, no constraints)

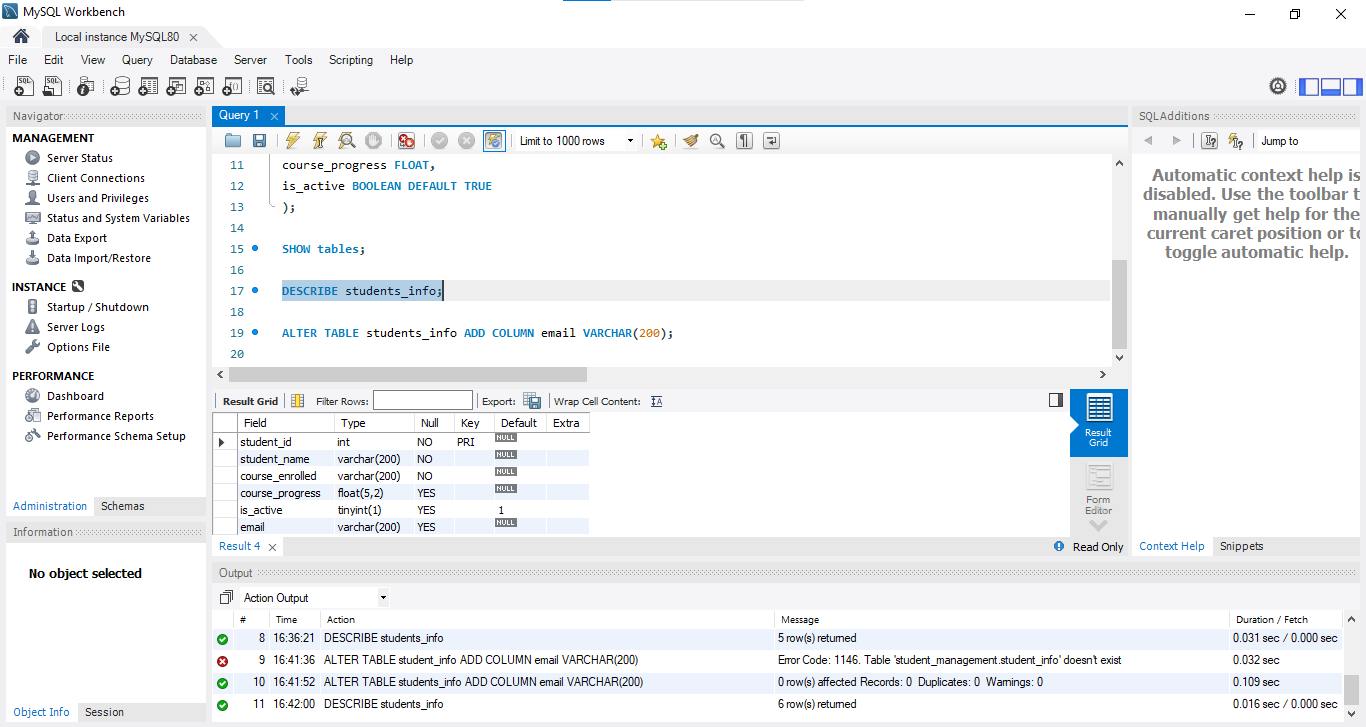
is\_active (boolean, no constraints)





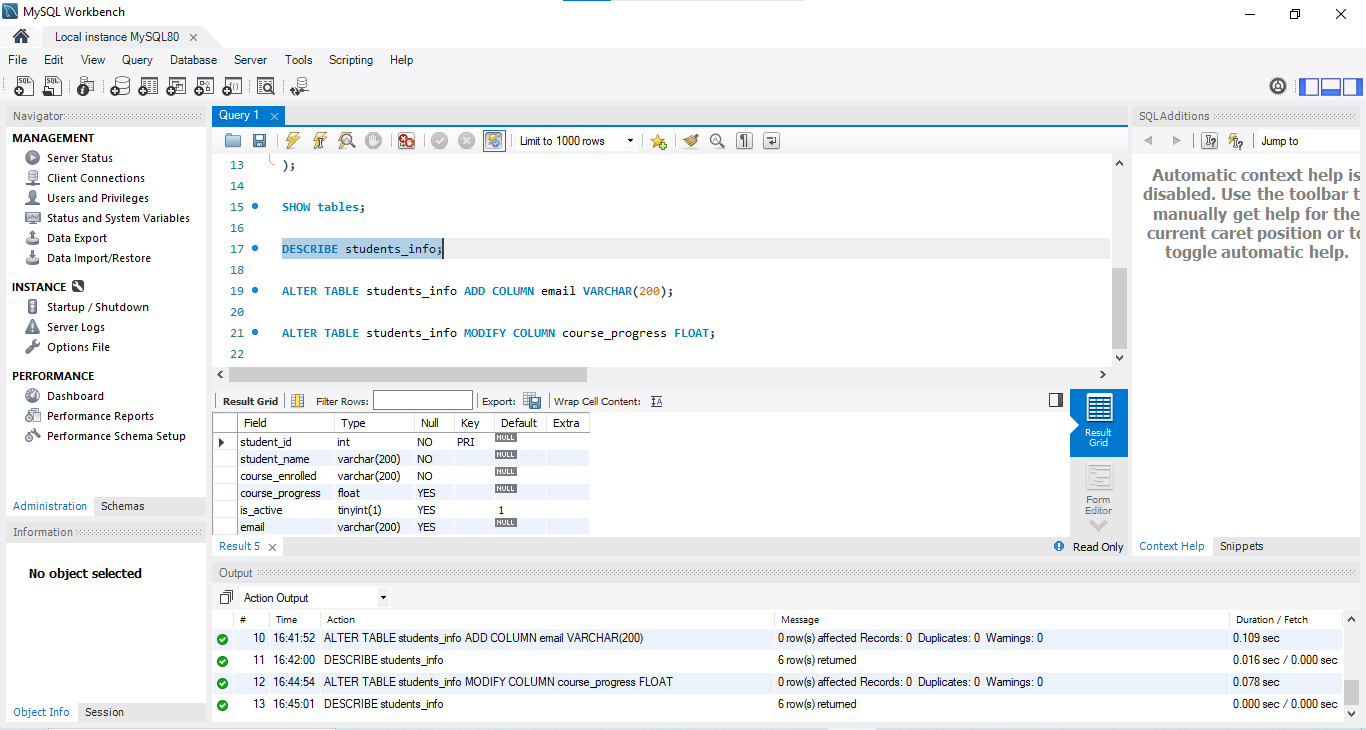
1. Add a New Column

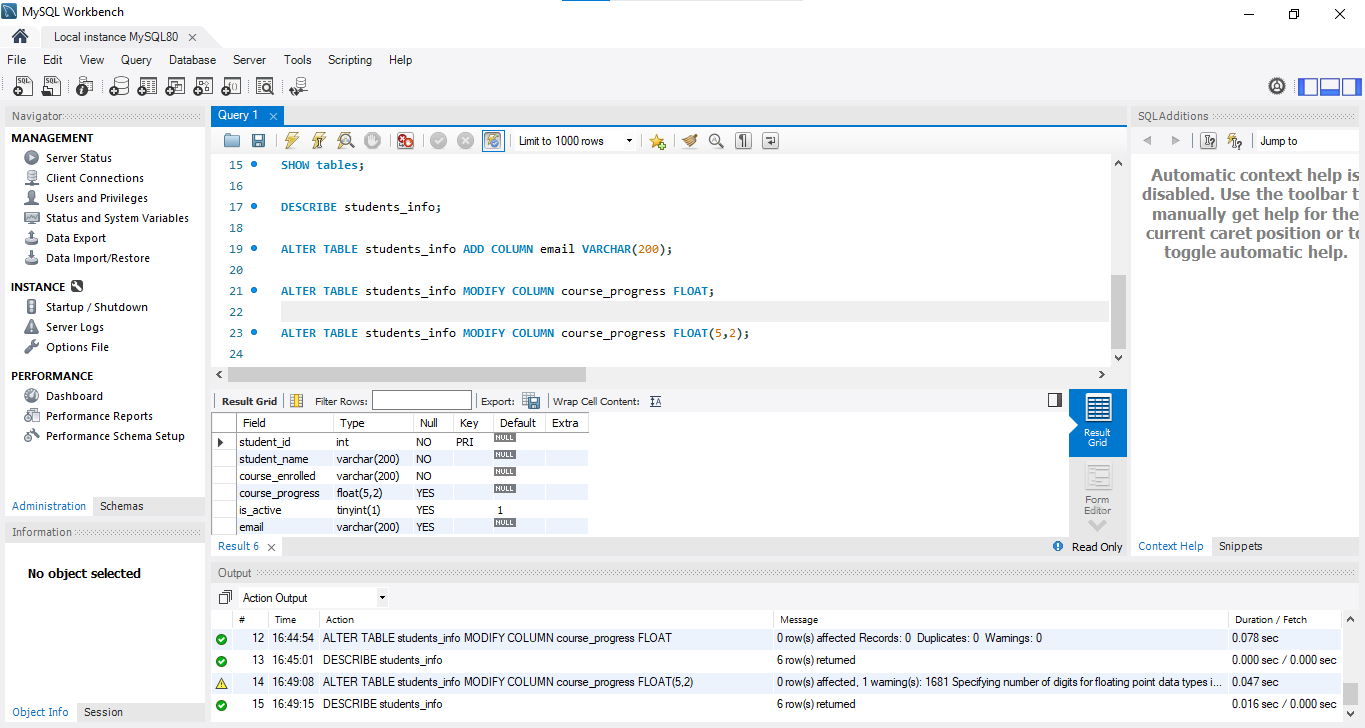
Add a new column email of type STRING to the students\_info table.



1. Modify a Column

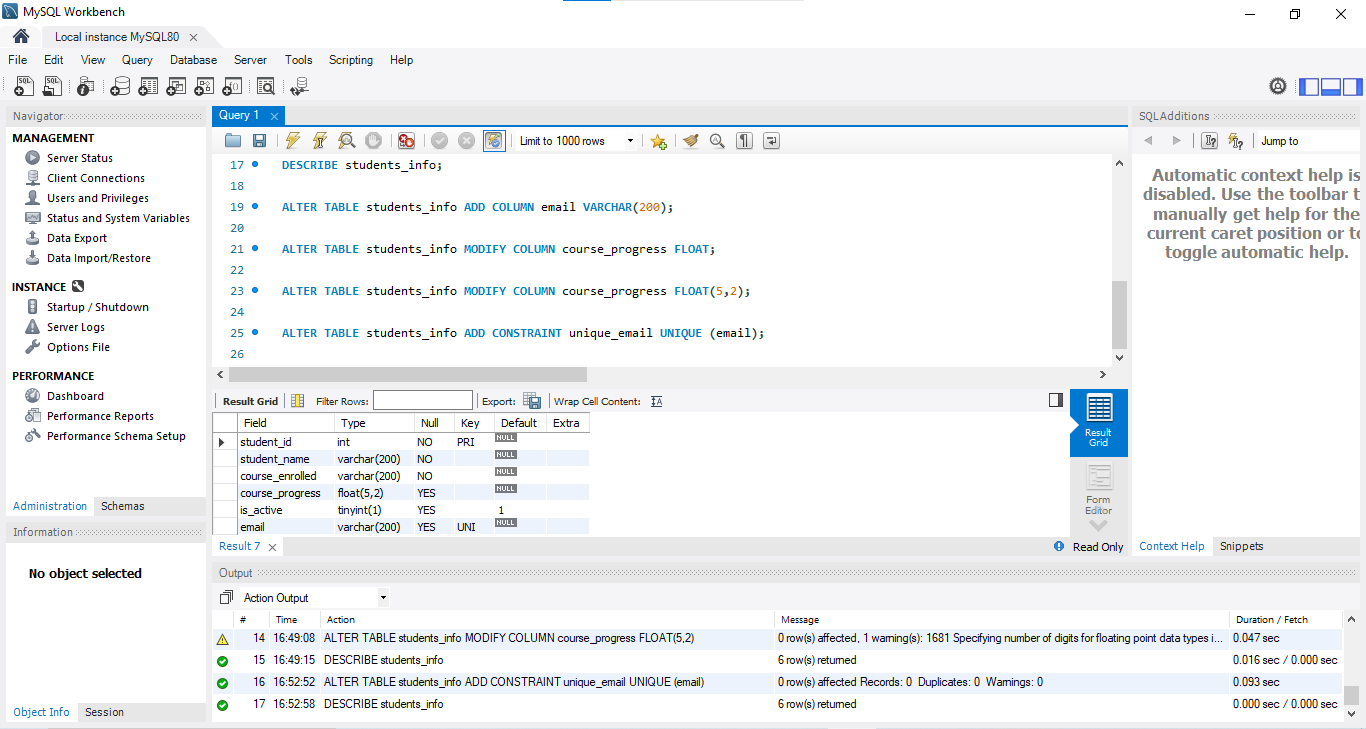
Modify the course\_progress column to restrict its values to only two decimal places.

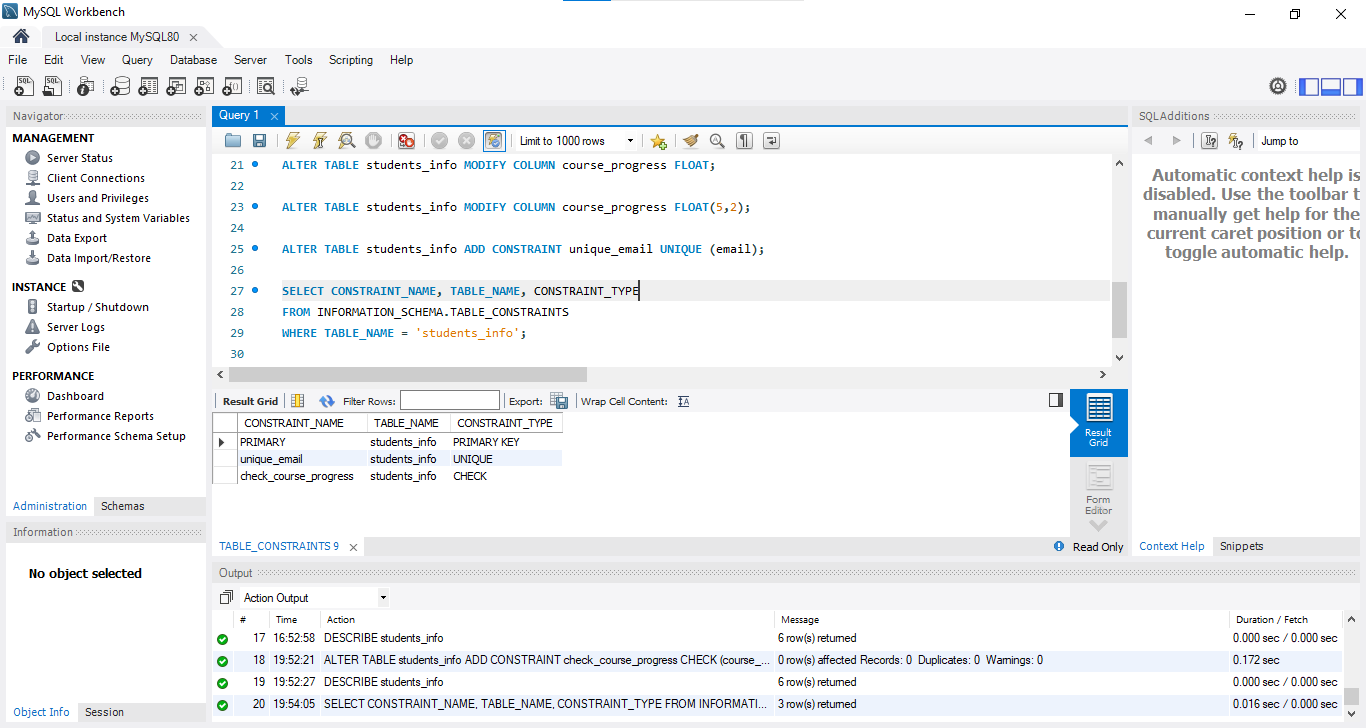




1. Add a UNIQUE Constraint

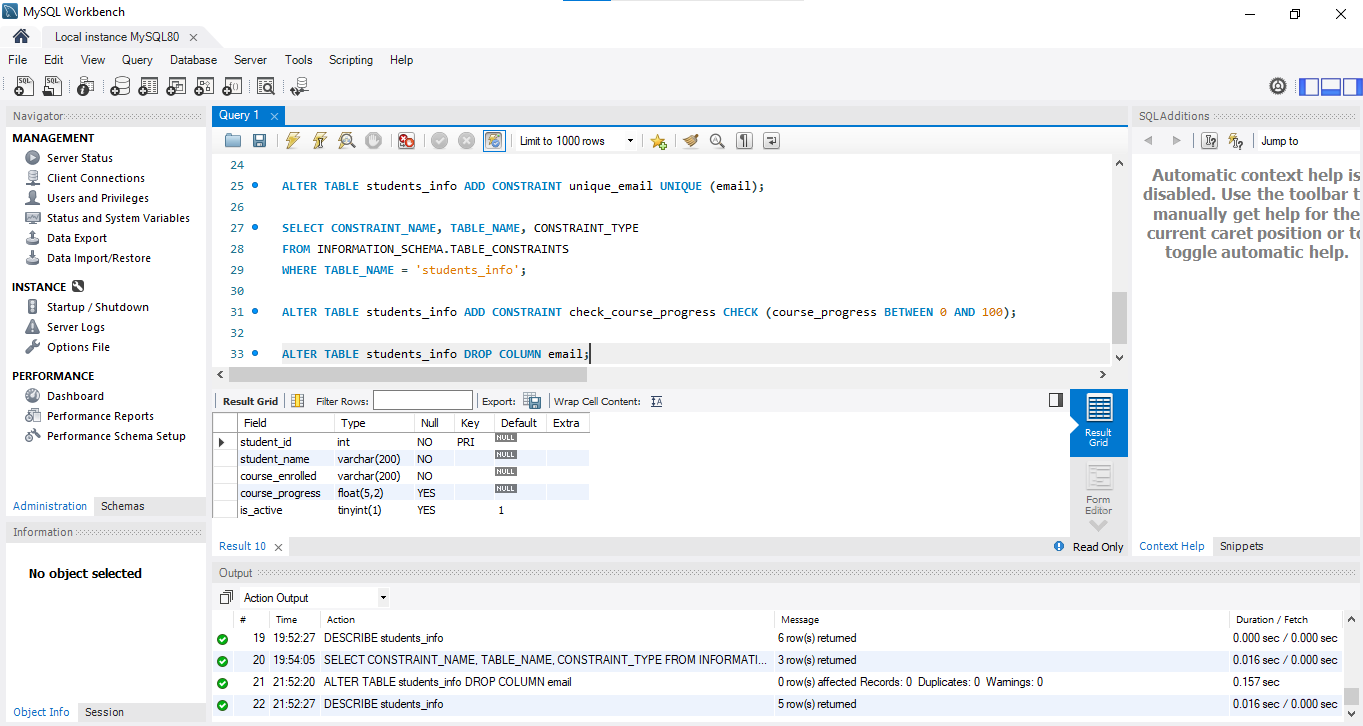
Add a UNIQUE constraint on the email column to ensure that no two students can have the same email address.





1. Add a CHECK Constraint

Add a CHECK constraint to ensure that the course\_progress is always between 0 and 100.

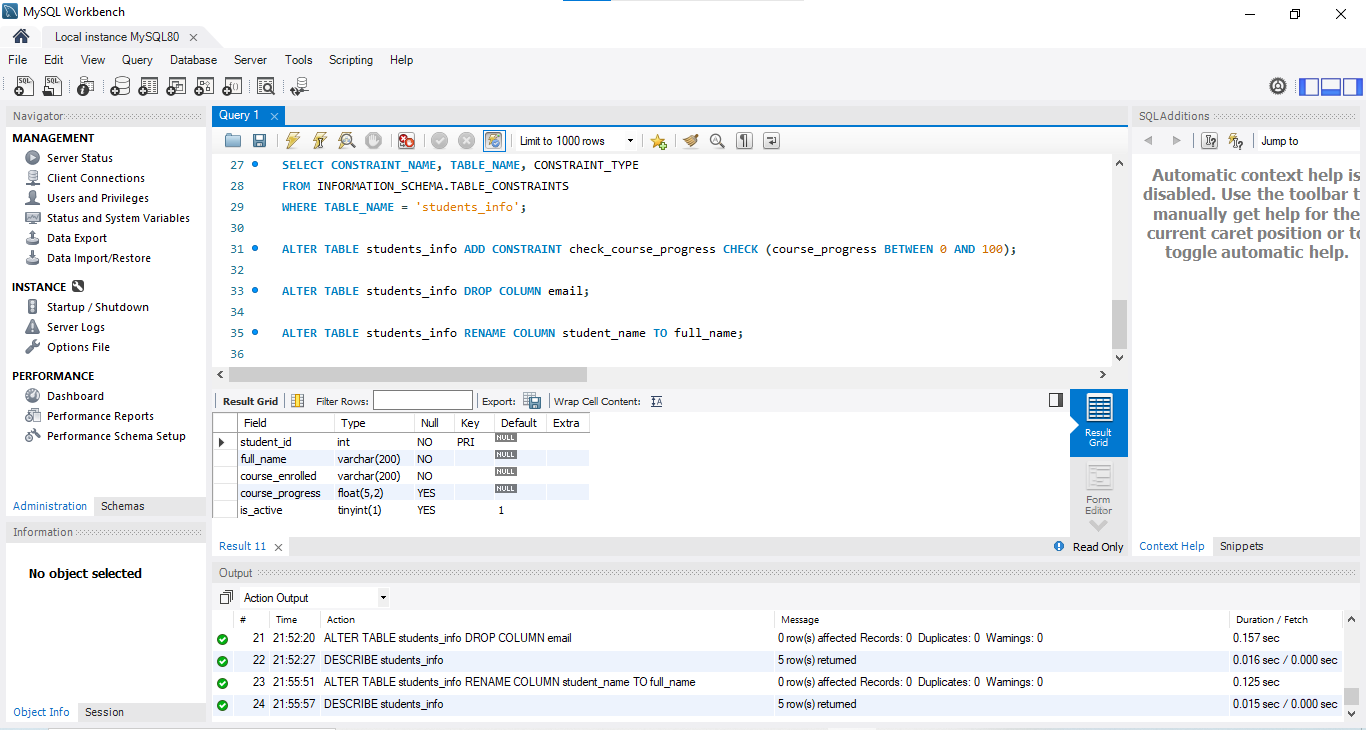


1. Drop a Column

Drop the email column from the students\_info table.

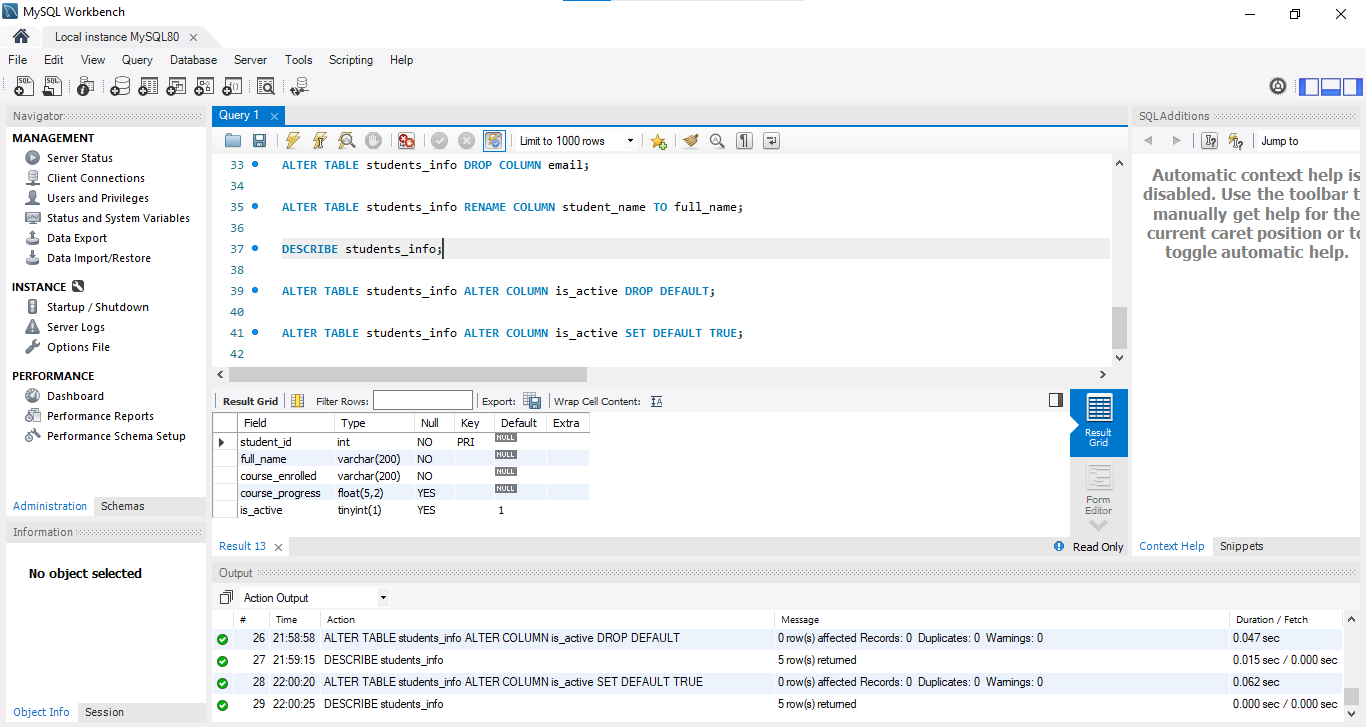
1. Rename a Column

Rename the student\_name column to full\_name.



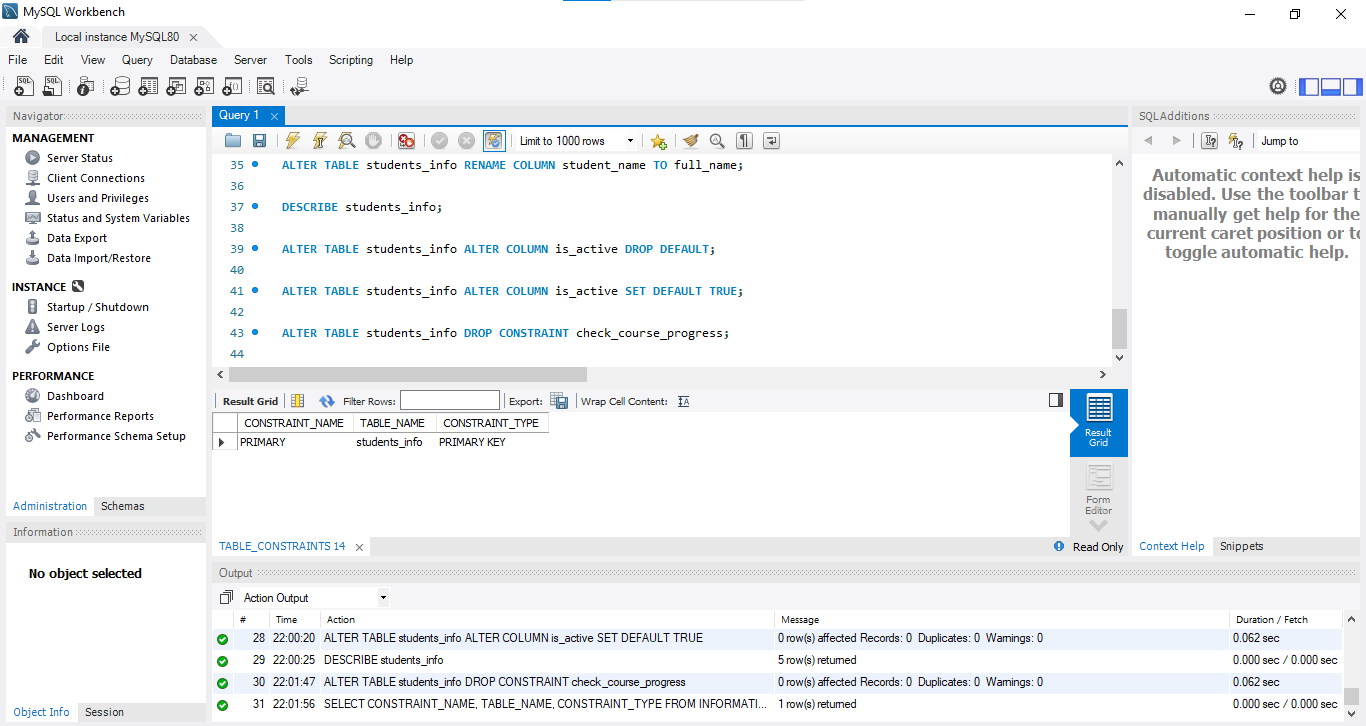
1. Add a Default Value

Add a default value of TRUE for the is\_active column to indicate that students are active by default.



1. Drop a Constraint

Drop the check\_course\_progress constraint from the students\_info table.



1. Truncate the Table

Remove all data from the students\_info table without deleting the table.

