12-2: Updating Column Values and Deleting Rows

**Vocabulary**

Modifies existing rows in a table **UPDATE**

Retrieves information from one table & uses the information to update another table COPY **correlated subquery update**

Ensures that the data adheres to a predefined set of rules **Integrity Constraints**

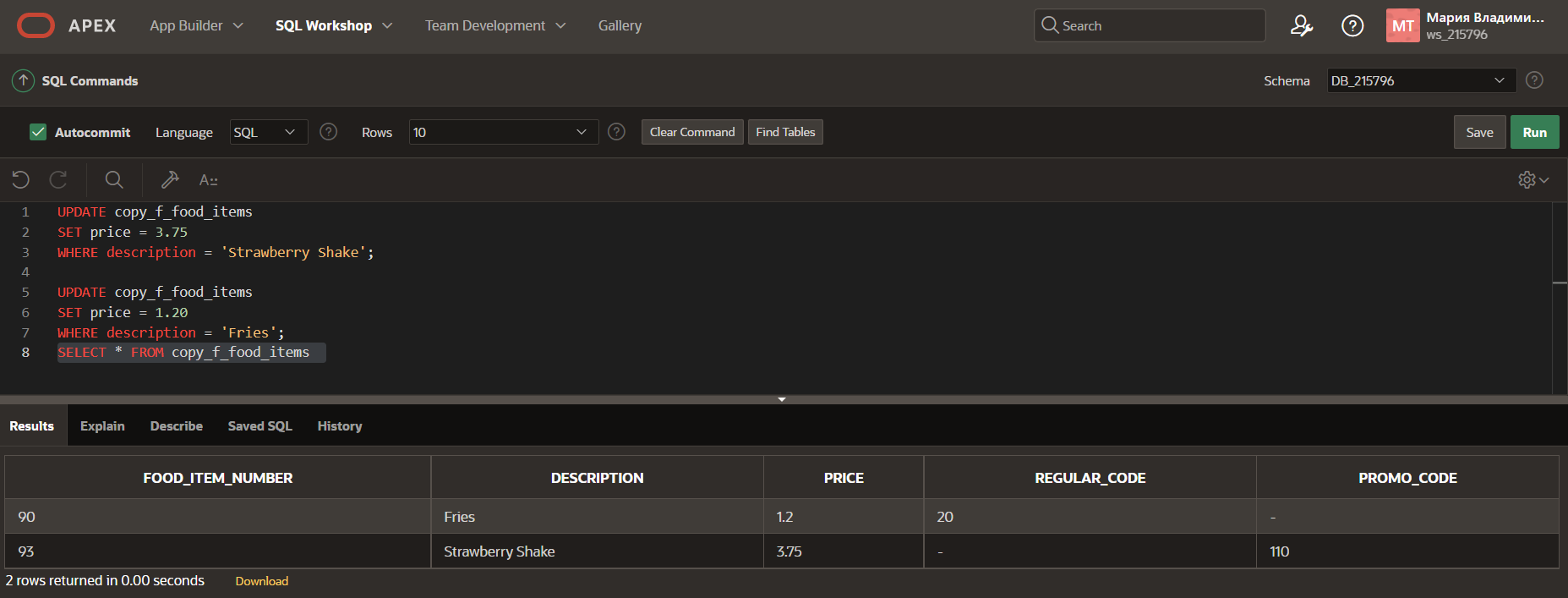
Deletes information on a linked table based on what was deleted on the other table **correlated subquery delete**

Removes existing rows from a table **DELETE**

Try it / Solve it

1. Monique Tuttle, the manager of Global Fast Foods, sent a memo requesting an immediate change in prices. The price for a strawberry shake will be raised from $3.59 to $3.75, and the price for fries will increase to $1.20. Make these changes to the copy\_f\_food\_items table.

Graphical user interface, application, chat or text message, website

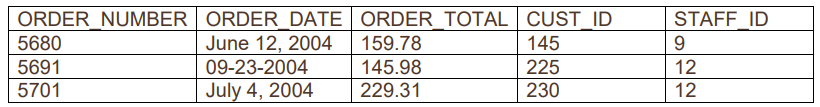
Description automatically generated

1. Bob Miller and Sue Doe have been outstanding employees at Global Fast Foods. Management has decided to reward them by increasing their overtime pay. Bob Miller will receive an additional $0.75 per hour and Sue Doe will receive an additional $0.85 per hour. Update the copy\_f\_staffs table to show these new values. (Note: Bob Miller currently doesn’t get overtime pay. What function do you need to use to convert a null value to 0?)

A screenshot of a computer

Description automatically generated

1. Add the orders shown to the Global Fast Foods copy\_f\_orders table:



A screenshot of a computer

Description automatically generated

1. Add the new customers shown below to the copy\_f\_customers table. You may already have added Katie Hernandez. Will you be able to add all these records successfully?

Table

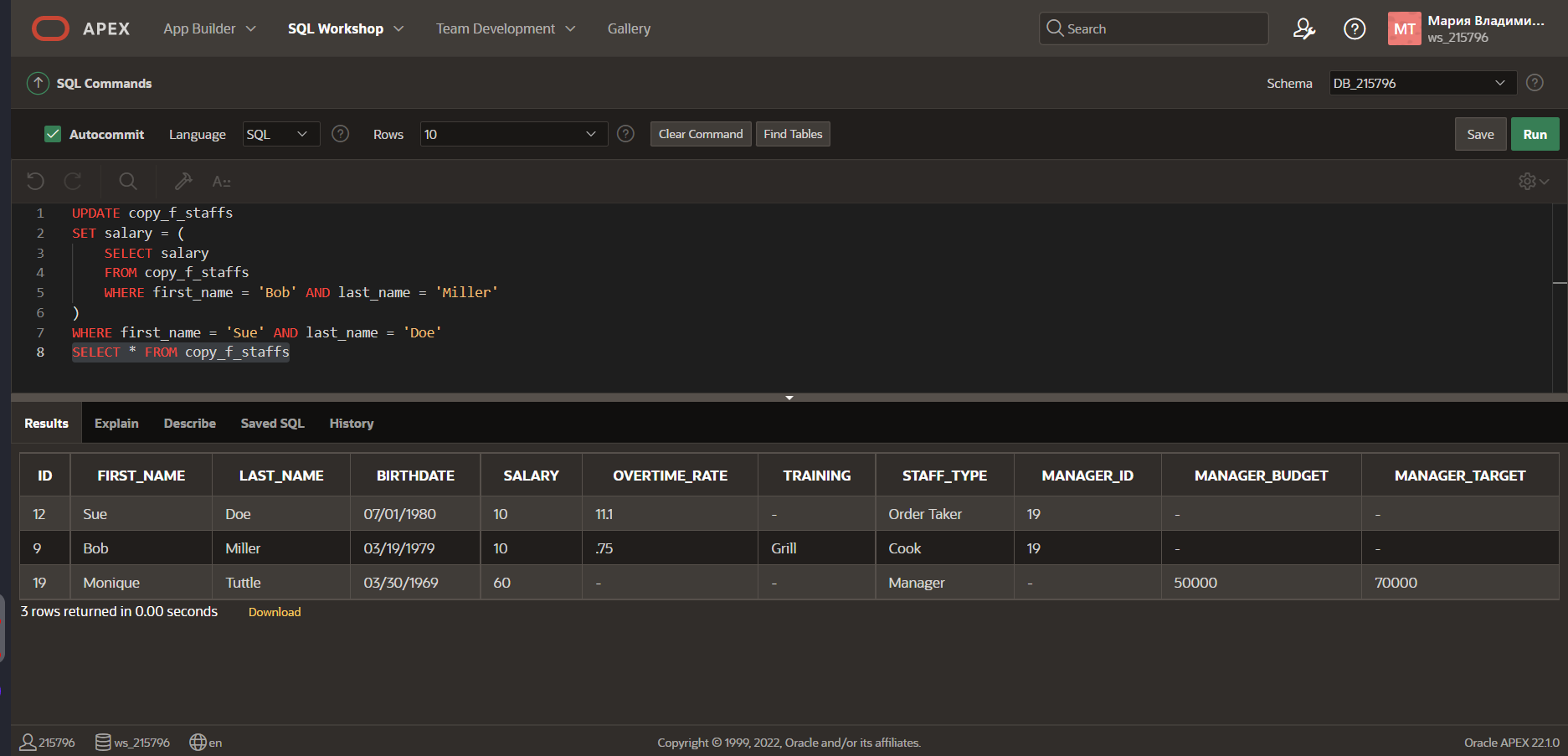
Description automatically generated

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated with medium confidence

1. Sue Doe has been an outstanding Global Foods staff member and has been given a salary raise. She will now be paid the same as Bob Miller. Update her record in copy\_f\_staffs.



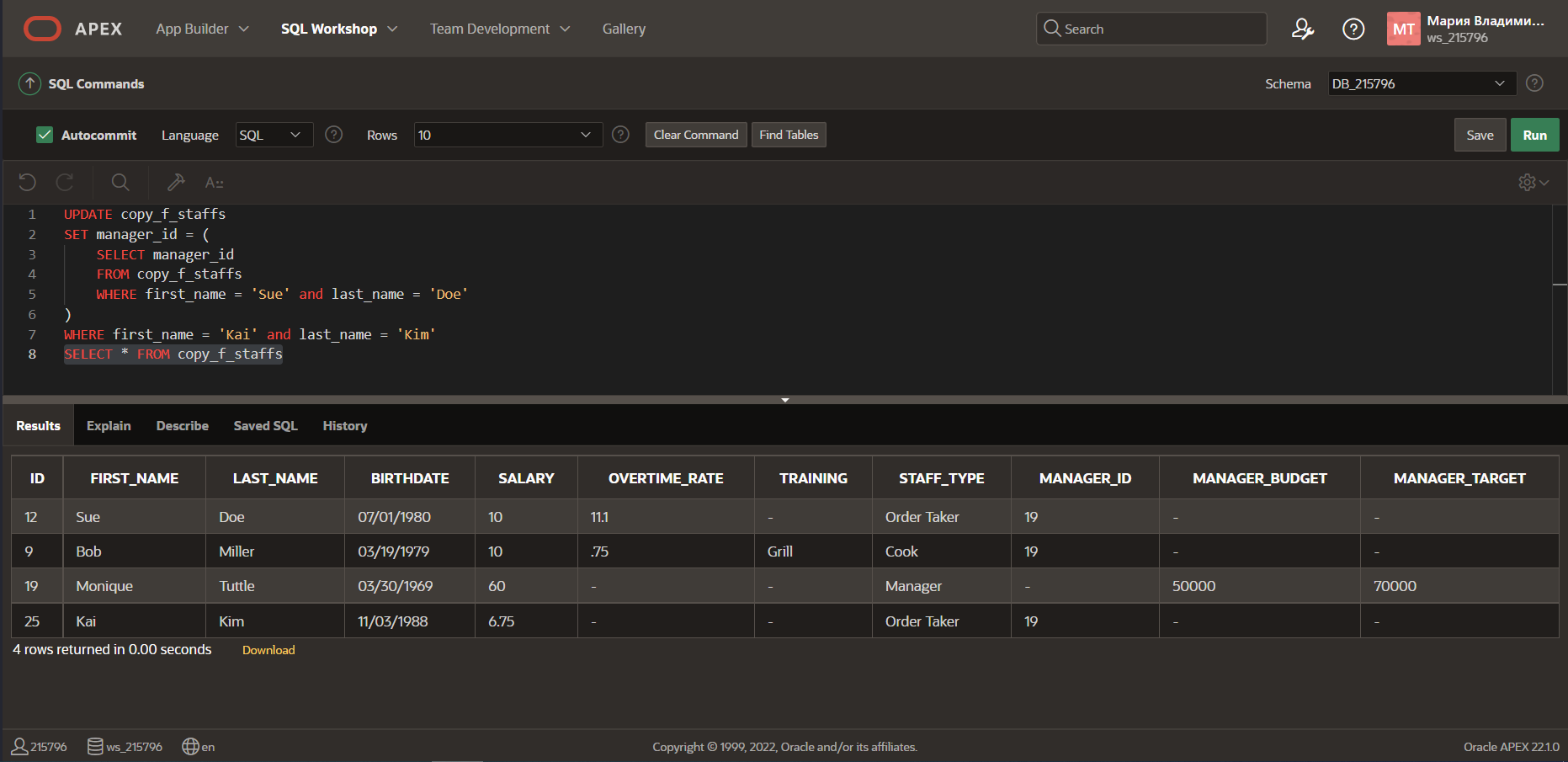
1. Global Fast Foods is expanding their staff. The manager, Monique Tuttle, has hired Kai Kim. Not all information is available at this time, but add the information shown here.



A screenshot of a computer

Description automatically generated

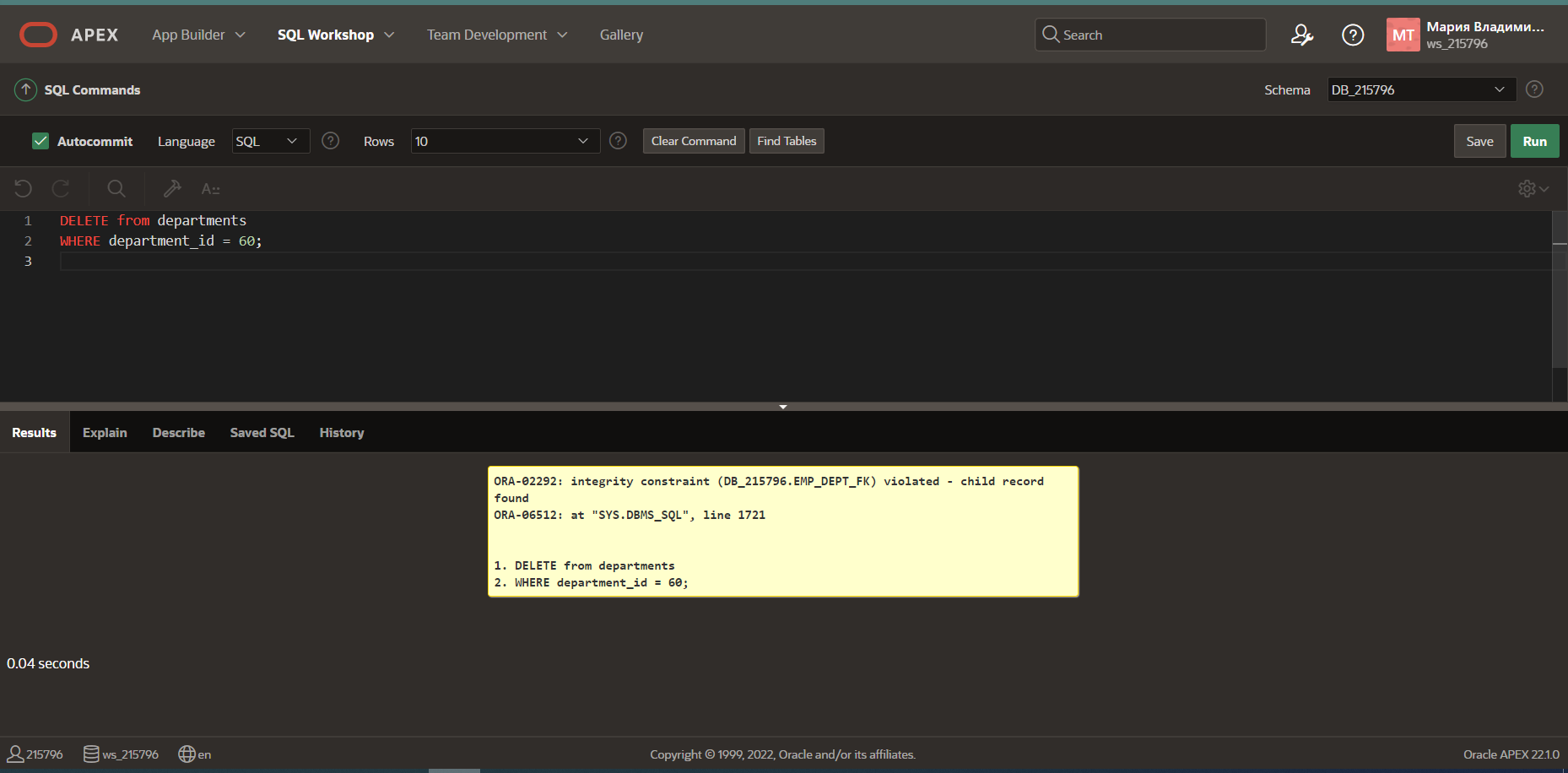
1. Now that all the information is available for Kai Kim, update his Global Fast Foods record to include the following: Kai will have the same manager as Sue Doe. He does not qualify for overtime. Leave the values for training, manager budget, and manager target as null.



8. Execute the following SQL statement. Record your results.

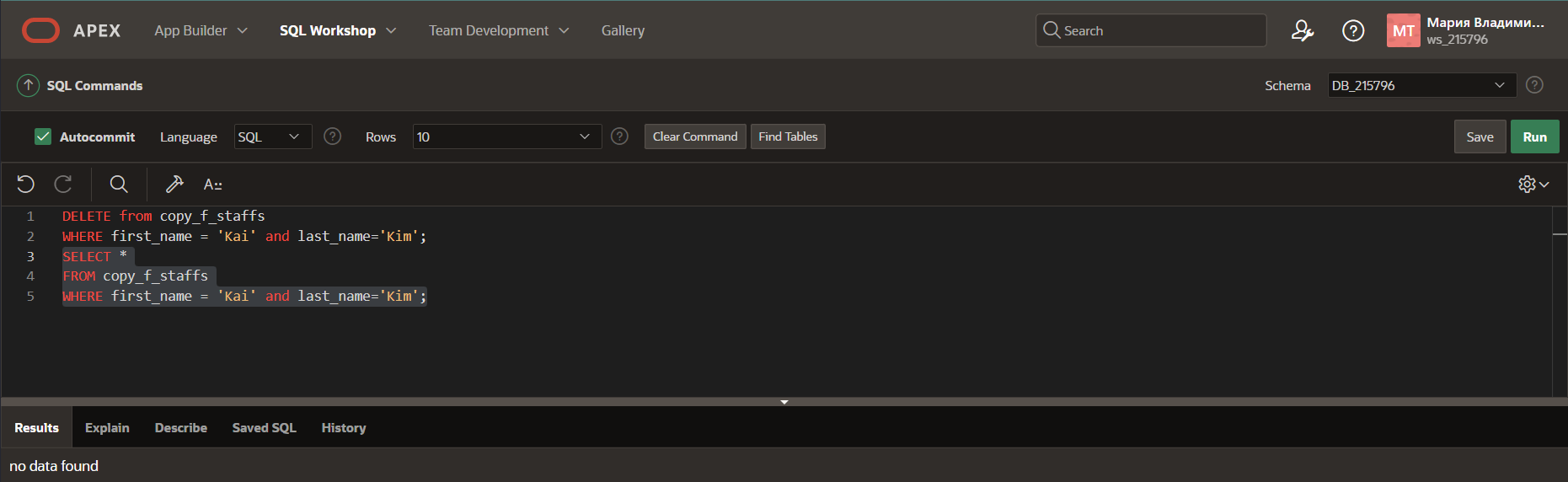
DELETE from departments

WHERE department\_id = 60;



9. Kim Kai has decided to go back to college and does not have the time to work and go to school.

Delete him from the Global Fast Foods staff. Verify that the change was made.



10.Create a copy of the employees table and call it lesson7\_emp;

Once this table exists, write a correlated delete statement that will delete any employees from the

lesson7\_employees table that also exist in the job\_history table.

