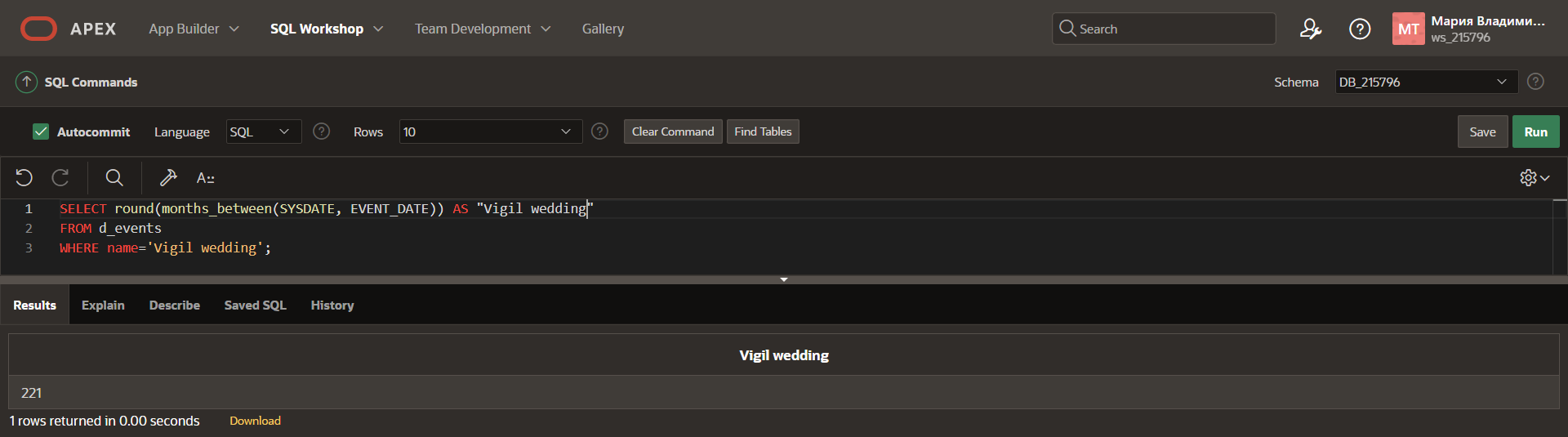
|  |  |
| --- | --- |
| SYSDATE | A function that returns the current date and time of the database server. |
| ADD\_MONTHS | Add calendar months to date |
| LAST\_DAY | Last day of the month |
| NEXT\_DAY | Next day of the date specified |
| MONTHS\_BETWEEN | Number of months between due dates |

**Try It / Solve It**

1. For DJs on Demand, display the number of months between the event\_date of the Vigil wedding and today’s date. Round to the nearest month.



1. Display the days between the start of last summer’s school vacation break and the day school started this year. Assume 30.5 days per month. Name the output “Days.”

Изображение выглядит как текст, снимок экрана, монитор, внутренний

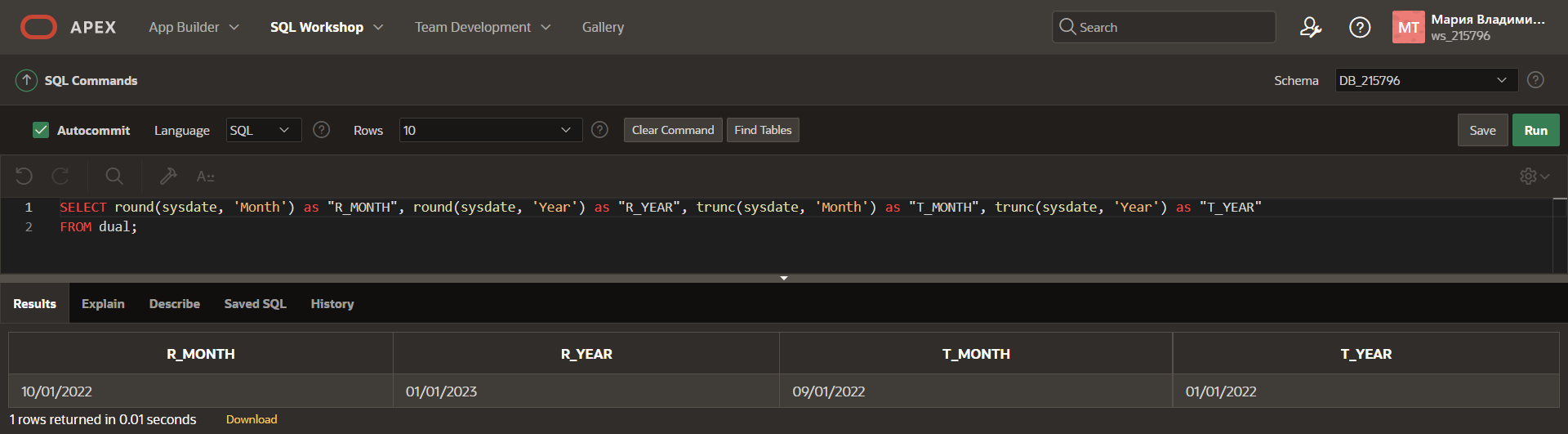
Автоматически созданное описание

1. Display the days between January 1 and December 31.

Изображение выглядит как текст, снимок экрана, внутренний, черный

Автоматически созданное описание

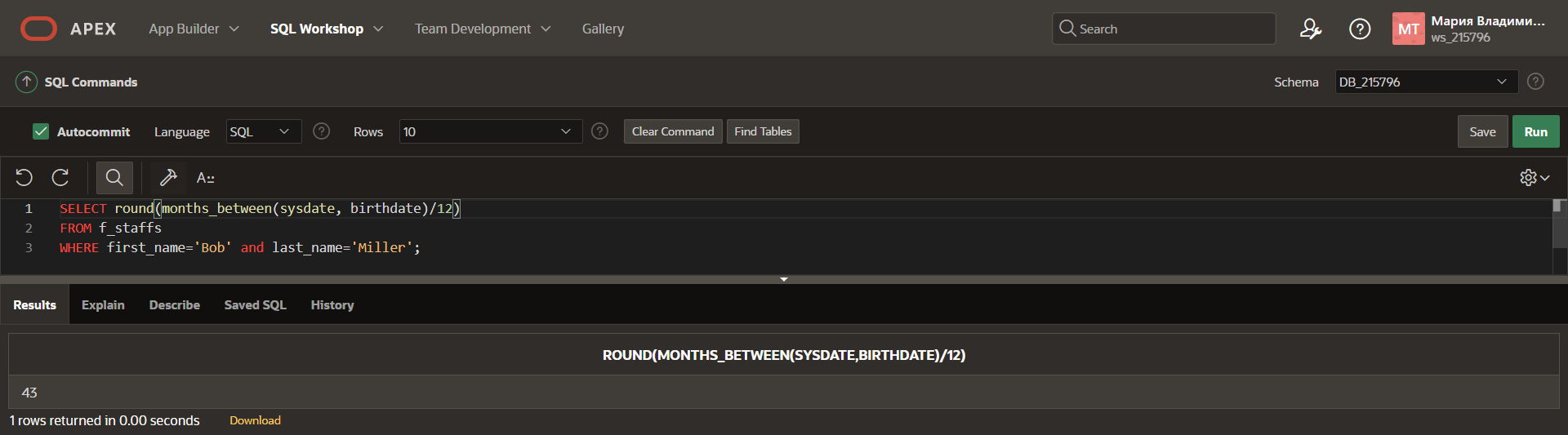
1. Using one statement, round today's date to the nearest month and nearest year, and truncate it to the nearest month and nearest year. Use an alias for each column.



1. What is the last day of the month for June 2005? Use an alias for the output.



1. Display the number of years between the Global Fast Foods employee Bob Miller’s birthday and today. Round to the nearest year.



1. Your next appointment with the dentist is six months from today. On what day will you go to the dentist? Name the output, “Appointment.”

Изображение выглядит как текст, снимок экрана, внутренний

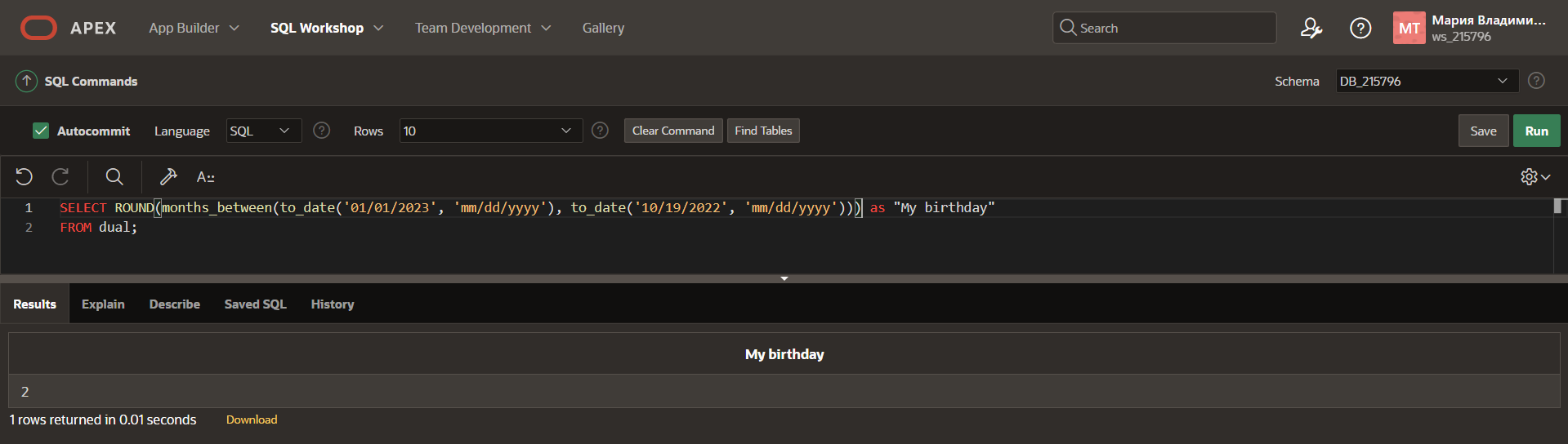
Автоматически созданное описание

1. The teacher said you have until the last day of this month to turn in your research paper. What day will this be? Name the output, “Deadline.”

Изображение выглядит как текст, снимок экрана, внутренний

Автоматически созданное описание

1. How many months between your birthday this year and January 1 next year?



1. What’s the date of the next Friday after your birthday this year? Name the output, “First Friday.”

Изображение выглядит как текст, снимок экрана, внутренний, монитор

Автоматически созданное описание

1. Name a date function that will return a number. Month\_between
2. Name a date function that will return a date. To\_date, add\_months
3. Give one example of why it is important for businesses to be able to manipulate date data?

Everything is connected to date, time is the most important thing in business. Business has to control every minute, planning different conferences, meetings, deadlines.

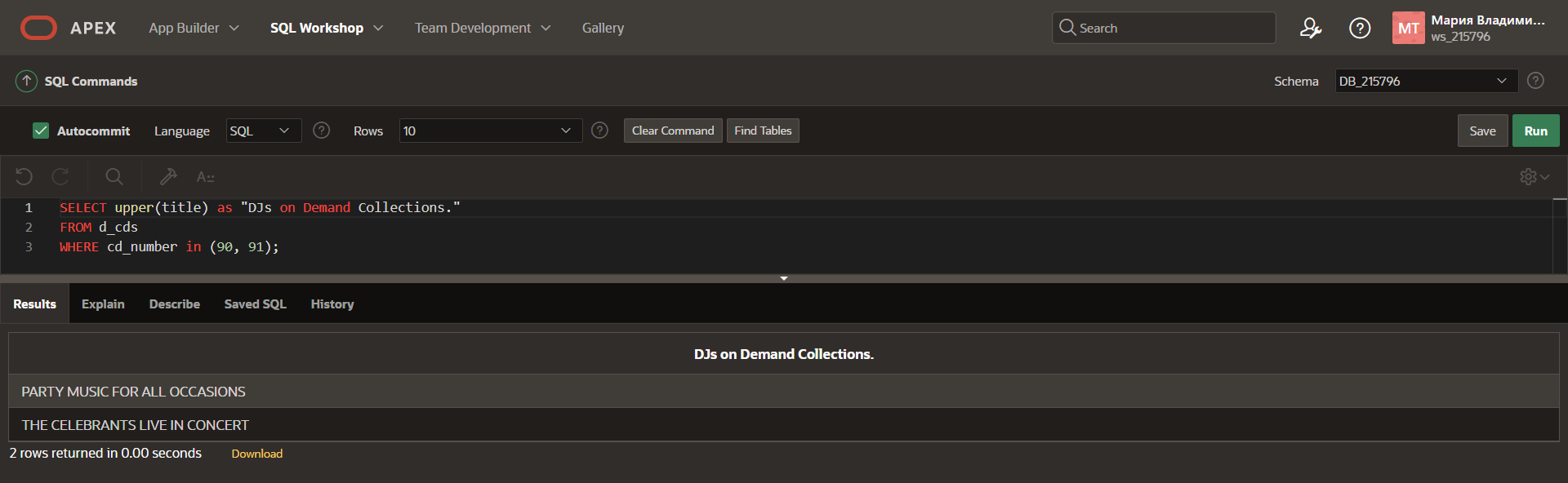
**Extension Exercises**

1. Using DUAL, write a statement that will convert 86.678 to 86.68.

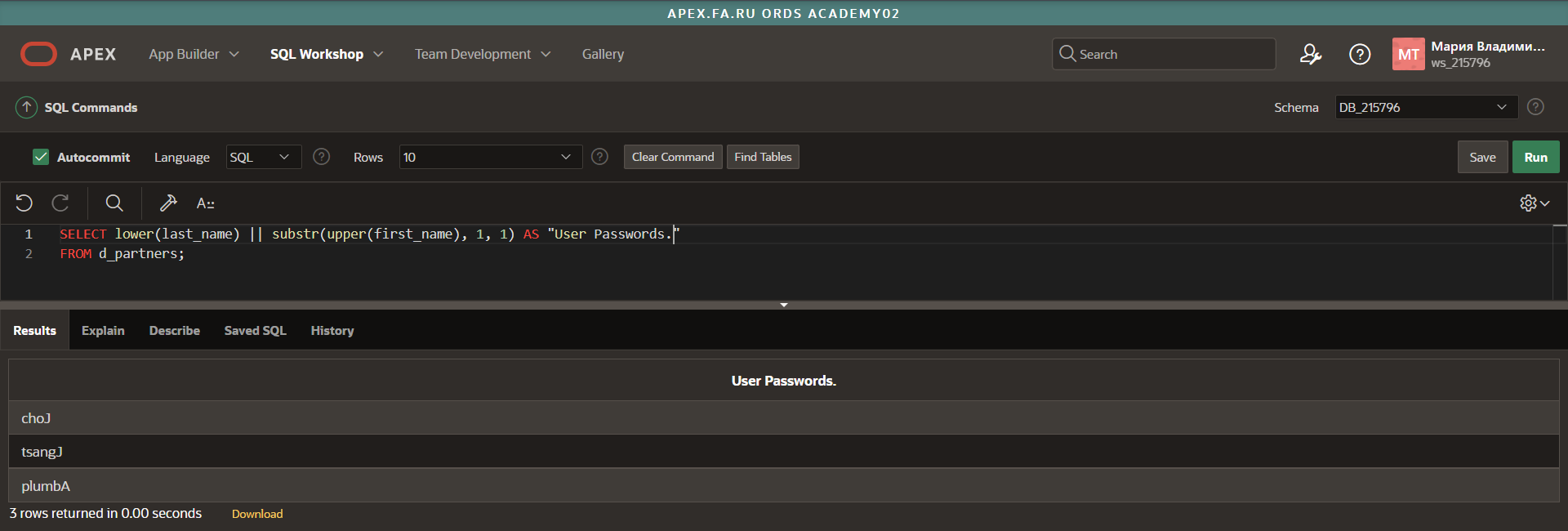
Изображение выглядит как текст, снимок экрана, внутренний, монитор

Автоматически созданное описание

1. Write a statement that will display the DJs on Demand CD titles for cd\_numbers 90 and 91 in uppercase in a column headed “DJs on Demand Collections.”



1. Write a statement that will create computer usernames for the DJs on Demand partners. The usernames will be the lowercase letters of the last name + the uppercase first letter in the first name. Title the column “User Passwords.” For example, Mary Smythers would be smythersM.



1. Write a statement that will convert “It’s a small world” to “HELLO WORLD.”

Изображение выглядит как текст, снимок экрана, внутренний

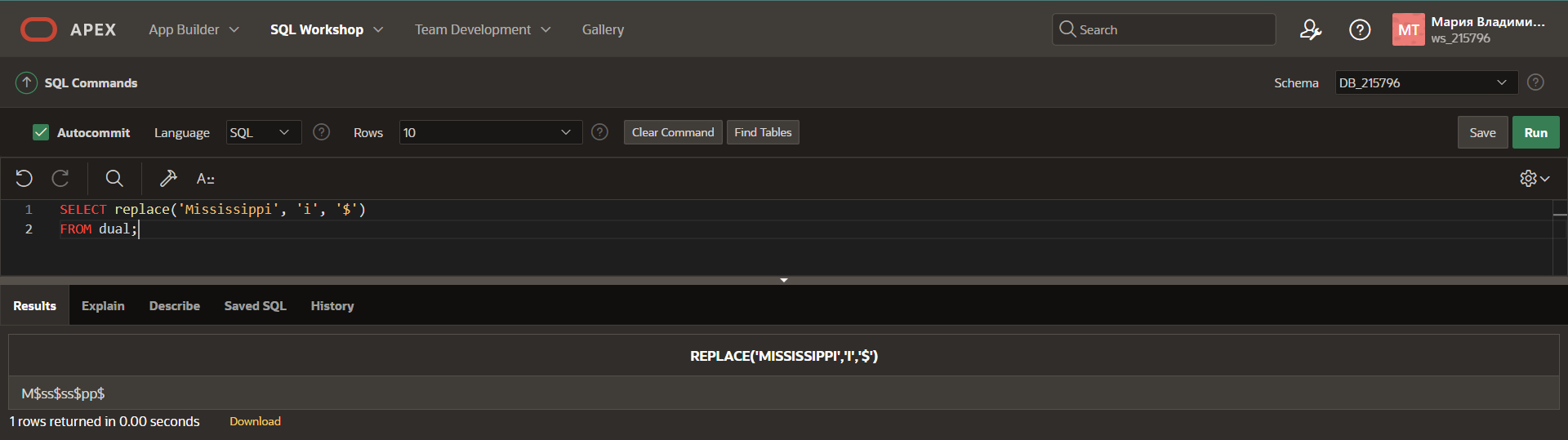
Автоматически созданное описание

1. Write a statement that will remove the “fiddle” from “fiddledeedee” and the “dum” from “fiddledeedum.” Display the result “fiddledeedeedee” in a column with the heading “Nonsense.”

Изображение выглядит как текст, снимок экрана, внутренний

Автоматически созданное описание

1. Replace every “i” in Mississippi with “$.”



1. Using DUAL, convert 5332.342 to 5300.

Изображение выглядит как текст, снимок экрана, монитор, внутренний

Автоматически созданное описание

1. Using DUAL, convert 3.14159 to 3.14.

Изображение выглядит как текст, снимок экрана, внутренний, монитор

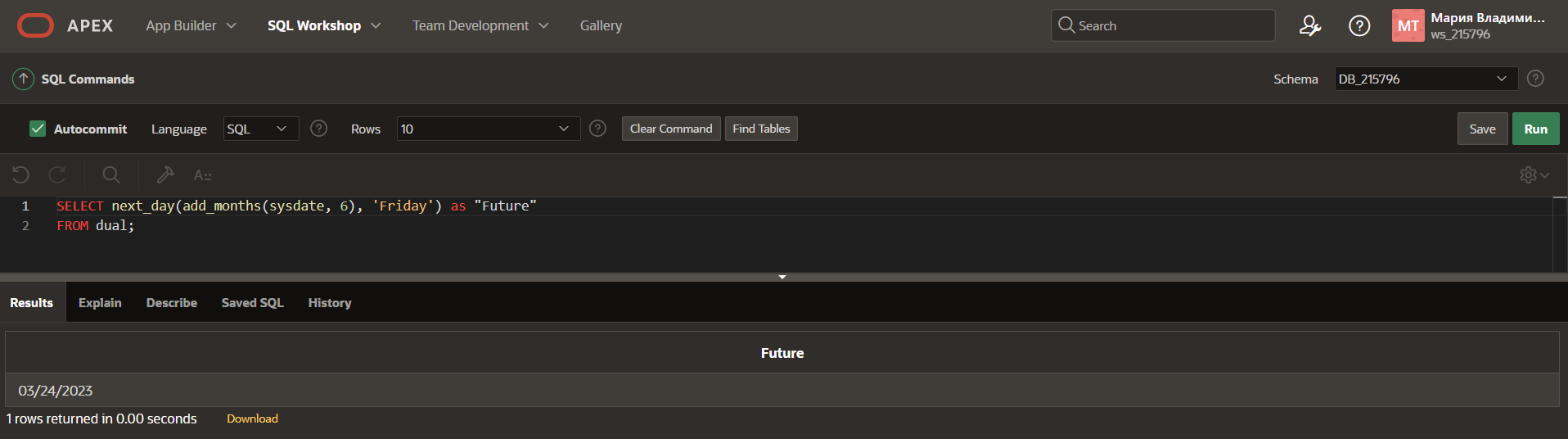
Автоматически созданное описание

1. Using DUAL, convert 73.892 to 73.8.

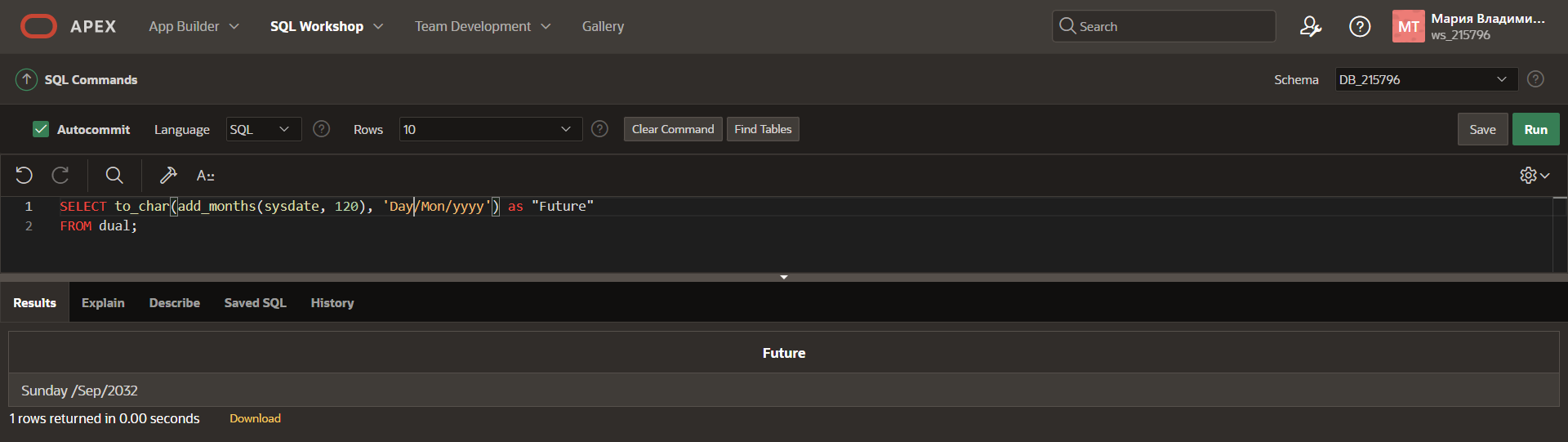
Изображение выглядит как текст, снимок экрана, внутренний, монитор

Автоматически созданное описание

10.What is the next Friday six months from now? Label the column “Future.”



11.What is the date 10 years from now? Label the column “Future.”



12.Leap years occur every four years. Remember, 2004 was a leap year. Now create a function that will show the date of the next leap year as 29-Feb-2008. Label the column “Future.”

Изображение выглядит как текст, снимок экрана, внутренний

Автоматически созданное описание

13.Write a statement that will find any of the DJs on Demand CD themes that have an “ie” in their names.

Изображение выглядит как текст, снимок экрана, внутренний, монитор

Автоматически созданное описание

14.Write a statement that will return only the DJs on Demand CDs with years greater than 2000 but less than 2003. Display both the title and year.

Изображение выглядит как текст, монитор, внутренний, снимок экрана

Автоматически созданное описание

15.Write a statement that will return the Oracle database employee’s employee ID and his starting hire dates between January 1, 1997 and today. Display the result ordered from most recently hired to the oldest.

Изображение выглядит как текст, снимок экрана, монитор, внутренний

Автоматически созданное описание