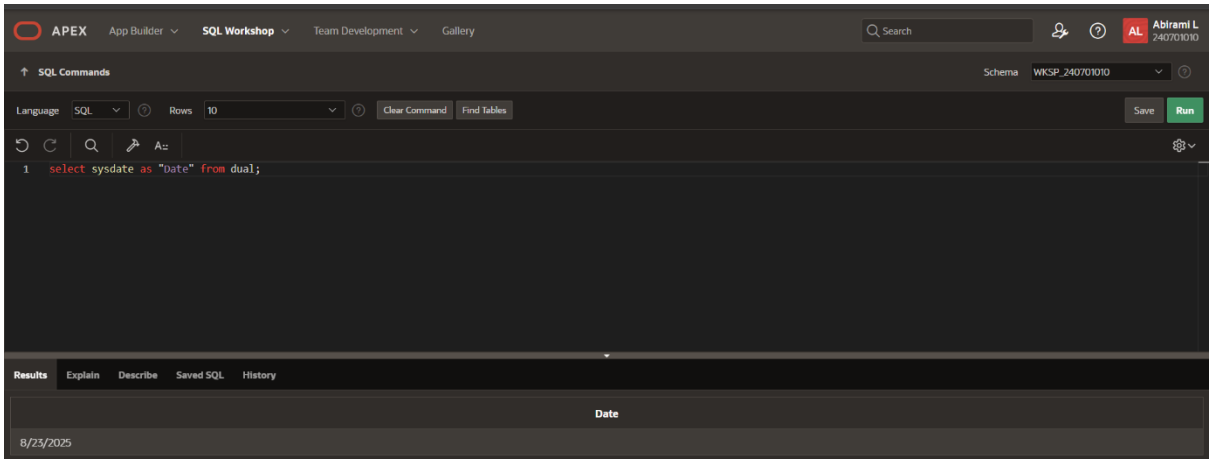
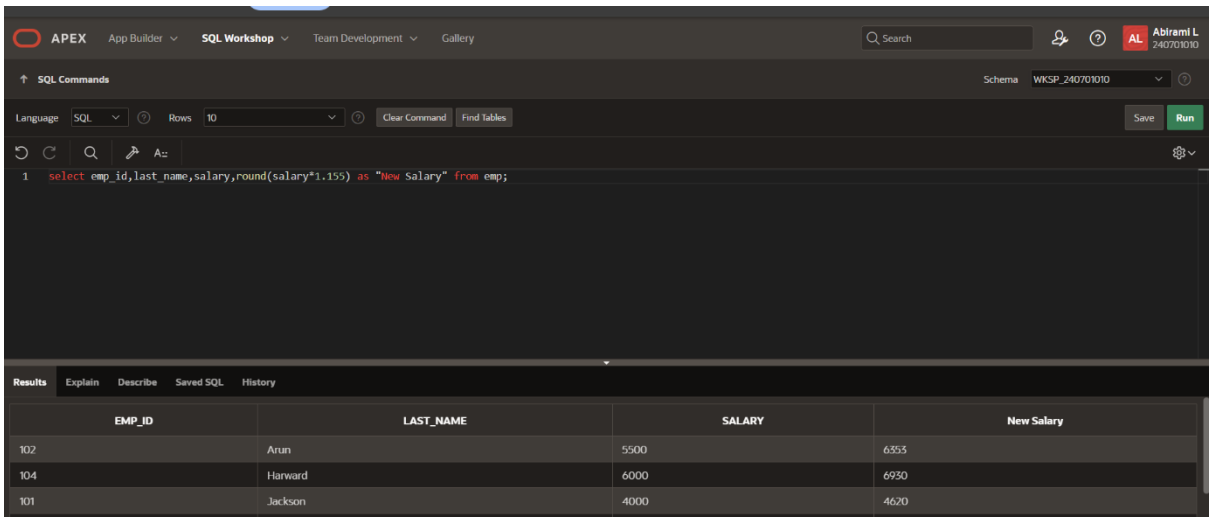
Exercise 6- Single Row Functions

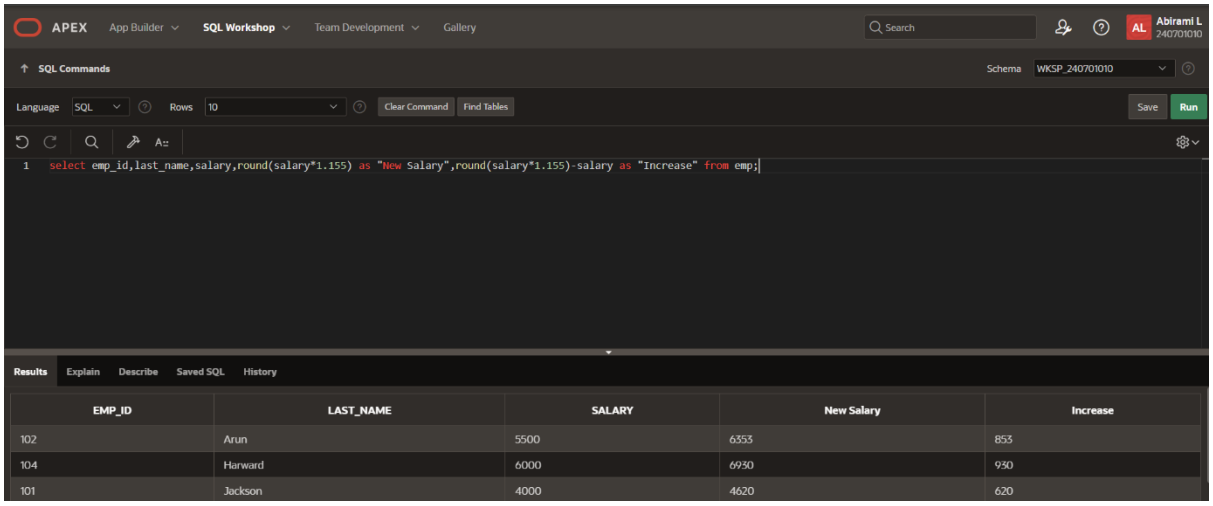
1. Write a query to display the current date. Label the column Date.



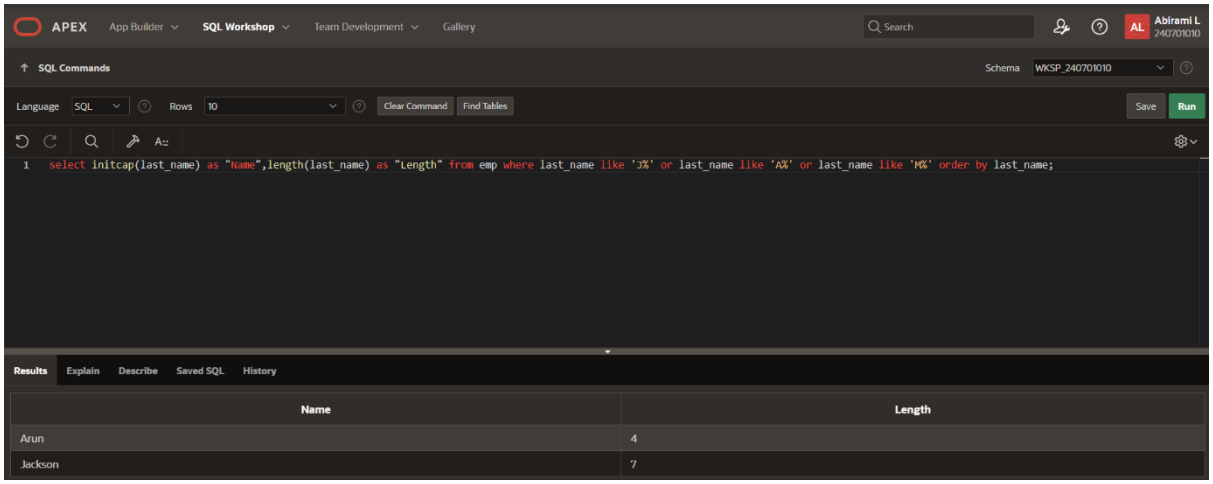
2. The HR department needs a report to display the employee number, last name, salary, and increased by 15.5% (expressed as a whole number) for each employee. Label the column new salary.



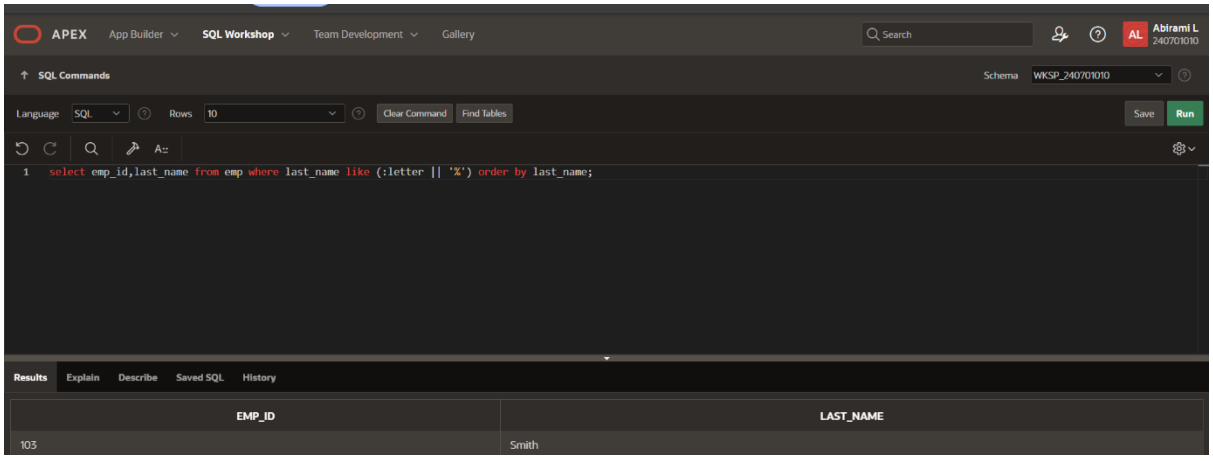
3. Modify your query to add a column that subtracts the old salary from the new salary. Label the column “Increase”.



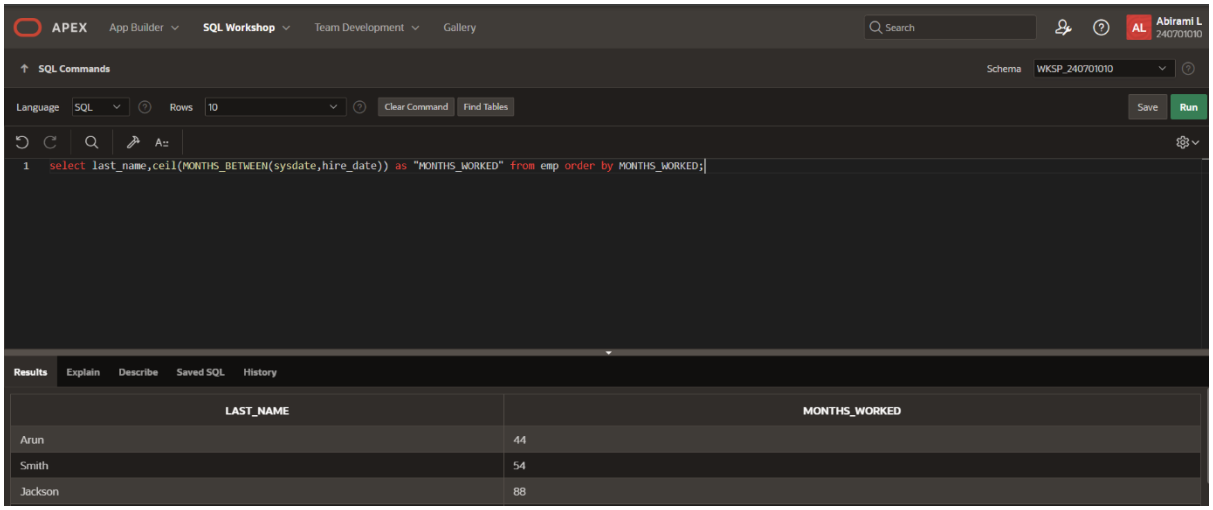
4. Write a query that displays the last name (With the first letter uppercase and all other letters lowercase) and the length of the last name for all employees whose name starts with the letters J, A or M. Give each column appropriate label. Sort the results by the employees' last names.



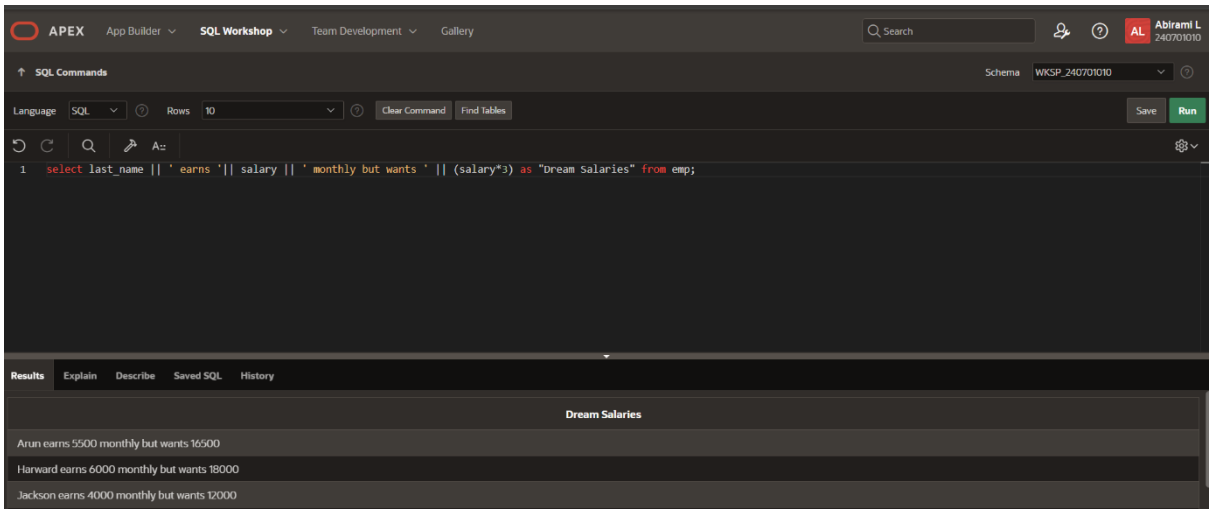
5. Rewrite the query so that the user is prompted to enter that starts the last name. For example, if the user enters H when prompted for a letter, then the output should show all employees whose last name starts with the letter H.



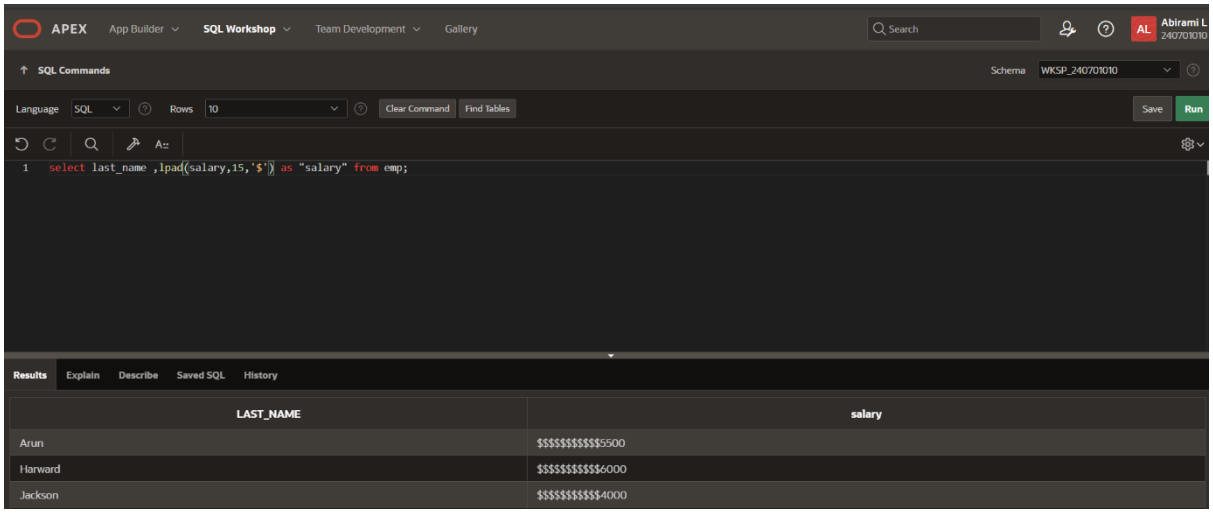
6. The HR Department wants to find the length of employment for each employee. For each employee, display the last name and calculate the number of months between today and the date on which the employee was hired. Label the column MONTHS_WORKED. Order your results by the number of months employed. Round the number of months up to the closest whole number.



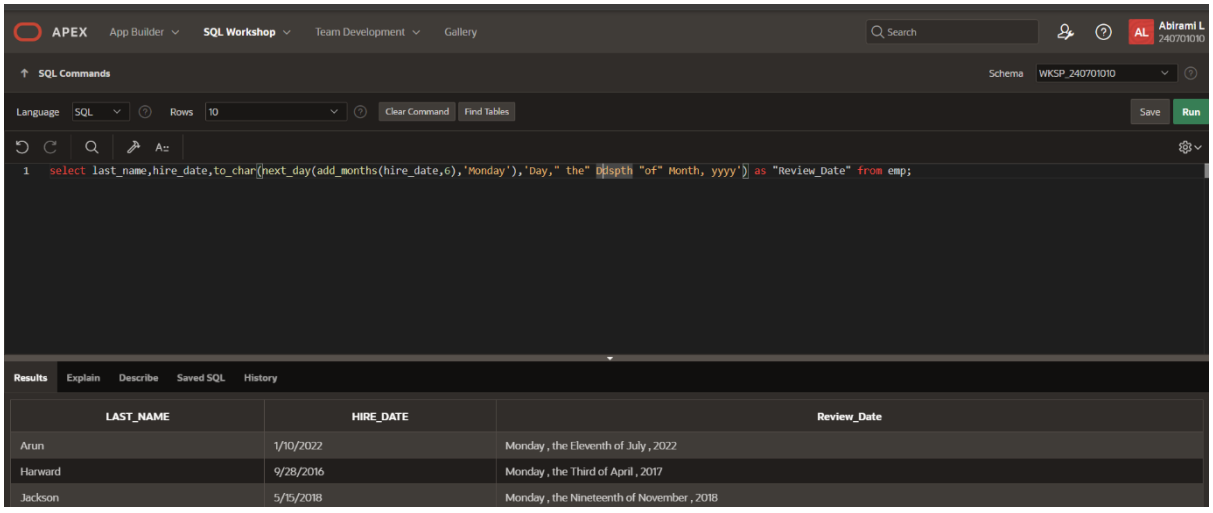
7. Create a report that produces the following of each employee:
<employee last name> earns <salary> monthly but wants <3 times salary>. Label the column Dream Salaries.



8. Create a query to display the last name and salary for all employees. Format the salary to be 15 characters long, left-padded with the $ symbol. Label the column SALARY.



9. Display each employee's last name, hire date, and salary review date, which is the first Monday after six months of service. Label the column REVIEW. Format the dates to appear in the format similar to "Monday, the Thirty-First of July 2000."



10. Display the last name, hire date, and day of the week on which the employee started. Lable the column DAY. Order the results by the day of the week, starting with Monday.