ASSIGNMENT 1

Name: Aishee Bhattacharya

Batch: DXC-262-Analytics-B12-Azure

Date: 30-05-2022

Problem statement:

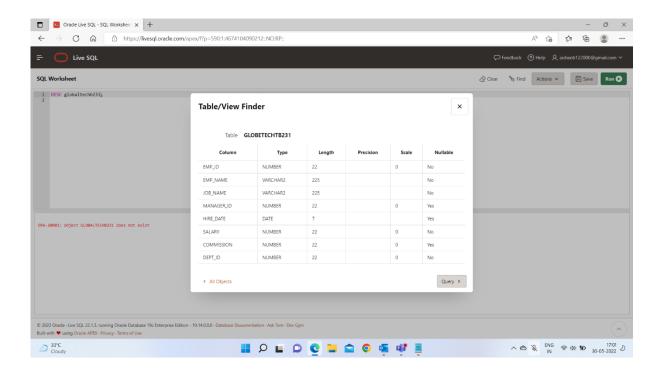
Global-tech incorporation is leading Biotech & Medical distribution company, has decided to migrate their data warehouse (around volume of 300TB uncompressed) to Cloud. Also, this organization has decided to migrate all downstream applications to Azure. Since its COVID –pandemic situation, hence its critical time & ETA is very less, the whole migration had to happen seamlessly, Using Azure cloud Service – we have to develop solutions for Global-tech. and migration activity to be performed.

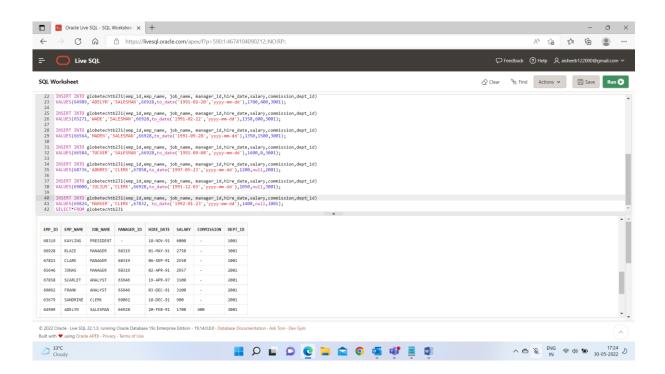
Case study:

Case 1: Create a table called "globetechtb231" and insert below data into it:

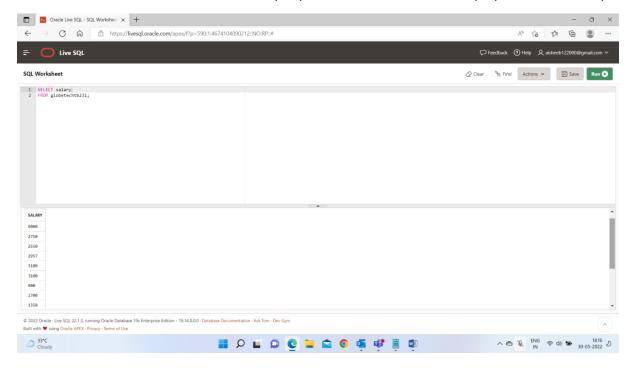
emp_id emp_name job_name manager_id hire_date salary commission dep_id					
++++					
68319 KAYLING PRESIDENT 1991-11-18 6000.00 1001					
66928 BLAZE MANAGER 68319 1991-05-01 2750.00 3001					
67832 CLARE MANAGER 68319 1991-06-09 2550.00 1001					
65646 JONAS MANAGER 68319 1991-04-02 2957.00 2001					
67858 SCARLET ANALYST 65646 1997-04-19 3100.00 2001					
69062 FRANK ANALYST 65646 1991-12-03 3100.00 2001					
63679 SANDRINE CLERK 69062 1990-12-18 900.00 2001					
64989 ADELYN SALESMAN 66928 1991-02-20 1700.00 400.00 3001					
65271 WADE SALESMAN 66928 1991-02-22 1350.00 600.00 3001					
66564 MADDEN SALESMAN 66928 1991-09-28 1350.00 1500.00 3001					
68454 TUCKER SALESMAN 66928 1991-09-08 1600.00 0.00 3001					
68736 ADNRES CLERK 67858 1997-05-23 1200.00 2001					
69000 JULIUS CLERK 66928 1991-12-03 1050.00 3001					

69324 | MARKER | CLERK | 67832 | 1992-01-23 | 1400.00 | | 1001

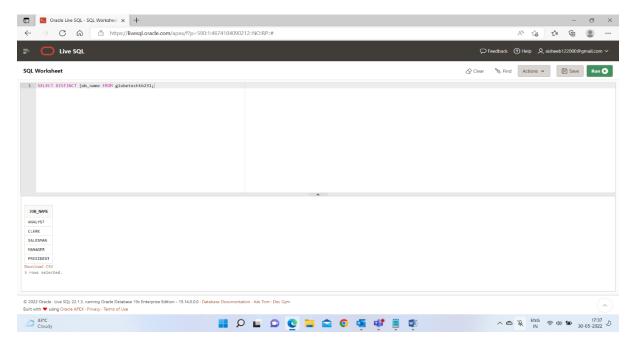




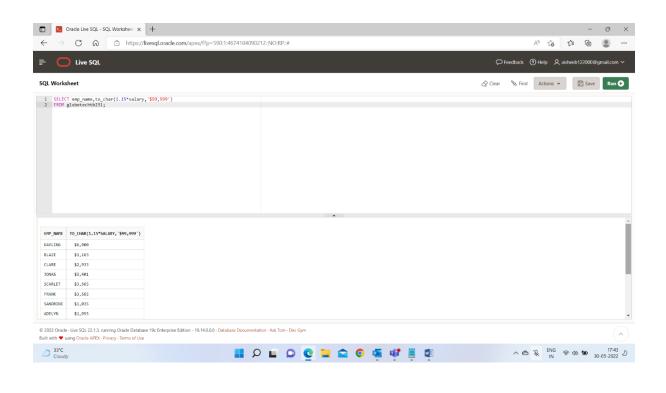
Case 2: From the above table, write a SQL query to find the salaries of all employees. Return salary

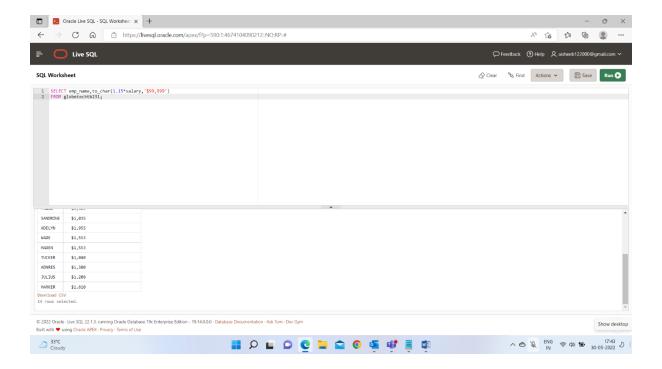


Case 3: From the above table, write a SQL query to find the unique designations of the employees. Return job name.

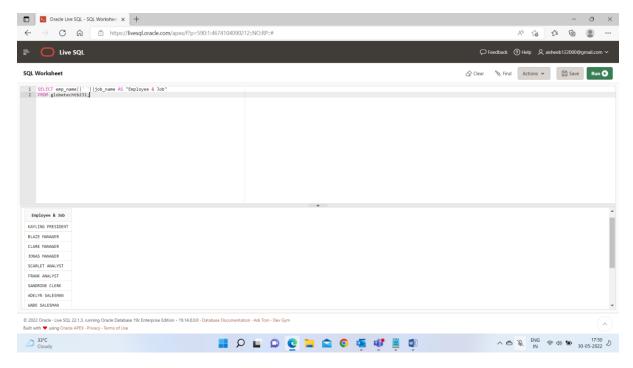


Case 4: From the following table, write a SQL query to list the employees' name, increased their salary by 15%, and expressed as number of Dollars.



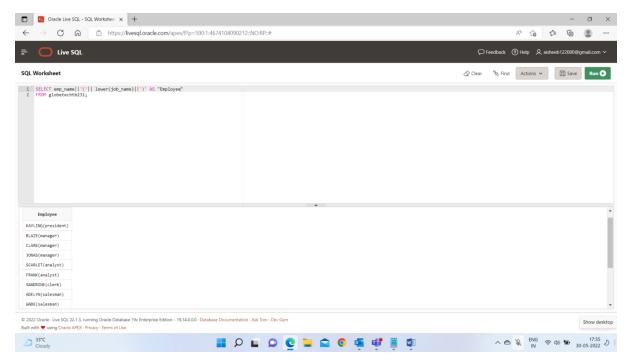


Case 5: From the above table, write a SQL query to list the employee's name and job name as a format of "Employee & Job".

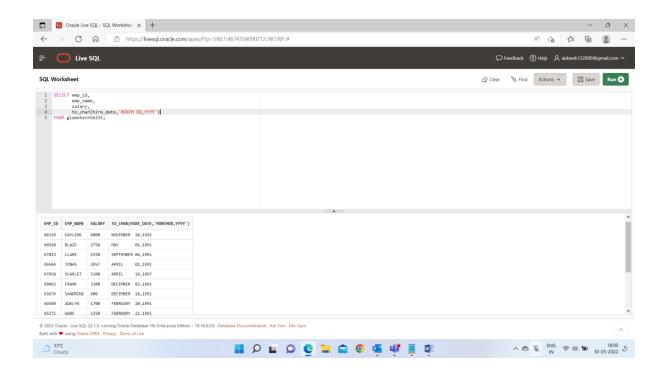


Case 6: From the same table - Write a query in SQL to produce the output of employees as follows Employee

JONAS(manager).



Case 7: From the above table, write a SQL query to find those employees with hire date in the format like February 22, 1991. Return employee ID, employee name, salary, hire date



Case 8: From the above table, write a SQL query to count the number of characters except the spaces for each employee name. Return employee name length.

