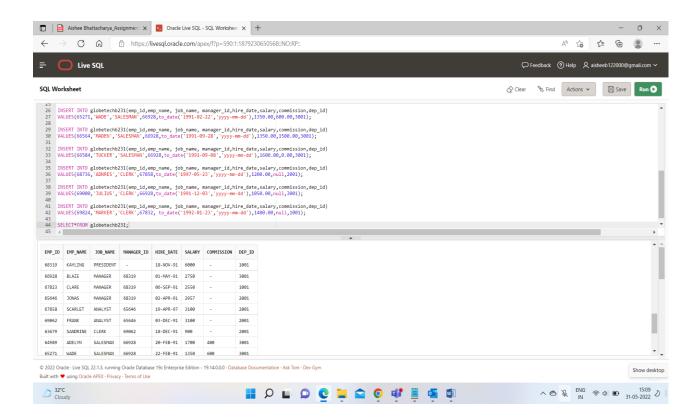# ASSIGNMENT 2

NAME: Aishee Bhattacharya

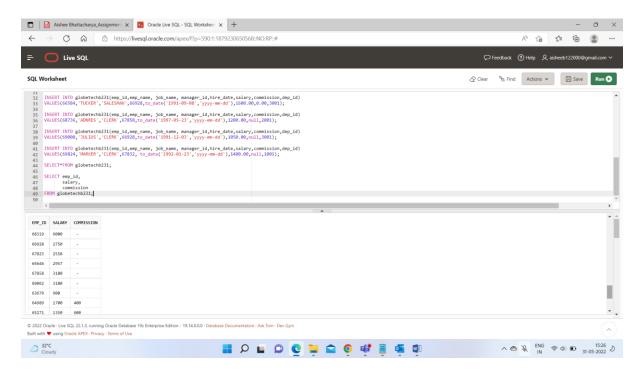BATCH: DXC-262-Analytics-B12-Azure

DATE: 31/05/2022

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.

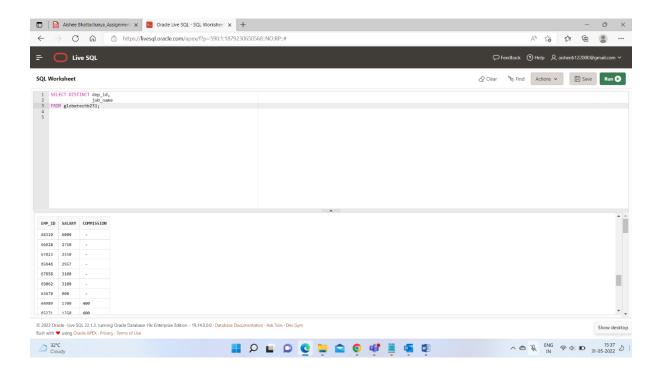Case study: Create a table called "globetechb231" and insert below data into it: emp_id | emp_name | job_name | manager_id | hire_date | salary | commission | dep_id
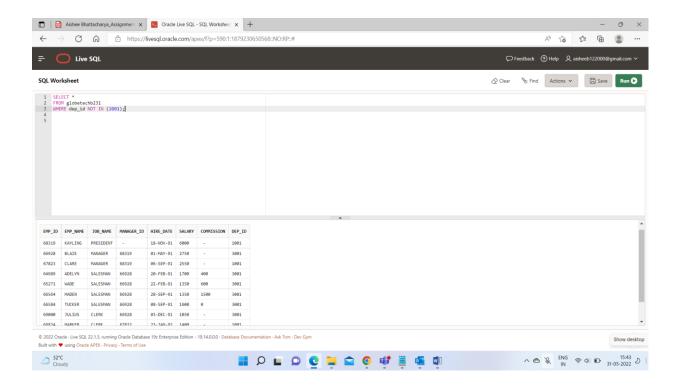
Case 9: From the following table, write a SQL query to find the employee ID, salary, and commission of all the employees
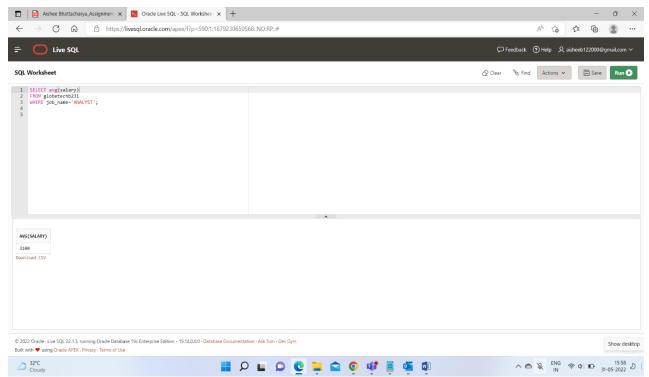

Case 10: From the following table, write a SQL query to find the unique department with jobs. Return department ID, Job name.

Case 11: From the following table, write a SQL query to find those employees who do not belong to the department 2001. Return complete information about the employees.

The SQL Worksheet contains the following query:

```
1  SELECT *
2  FROM globetechb231
3  WHERE dep_id NOT IN (2001);
4
5
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67823	CLARE	MANAGER	68319	06-SEP-91	2550	-	1001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
66584	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69824	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

Case 13: From the following table, write a SQL query to compute the average salary of those employees who work as 'ANALYST'.Return average salary.

Case 14: From the following table, write a SQL query to find the details of the employee 'BLAZE'
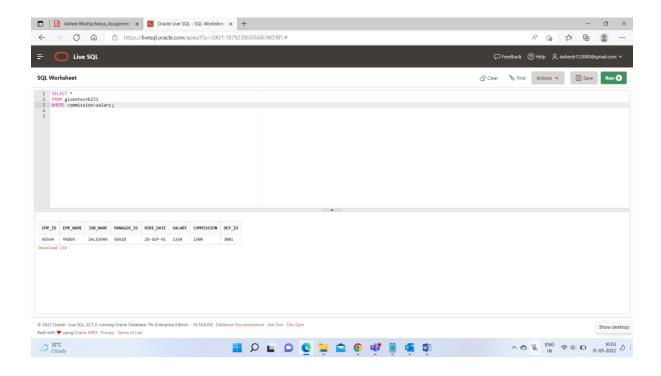

Case 15: From the following table, write a SQL query to find those employees whose commission is more than their salary. Return complete information about the employees

Case 16: From the following table, write a SQL query to find those employees whose salary exceeds 3000 after giving 25% increment. Return complete information about the employees

Case 17: From the following table, write a SQL query to find the names of the employees whose length is six. Return employee name

```
1  SELECT emp_name
2  FROM globetechb231
3  WHERE LENGTH(emp_name)=6;
4
5
```

EMP_NAME
ADELYN
TUCKER
ADNRES
JULIUS
MARKER

Download CSV
5 rows selected.
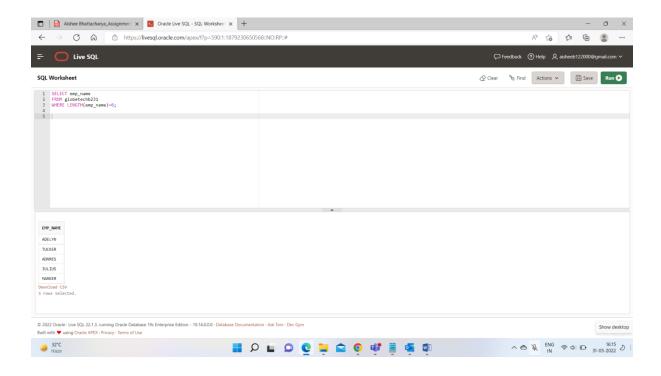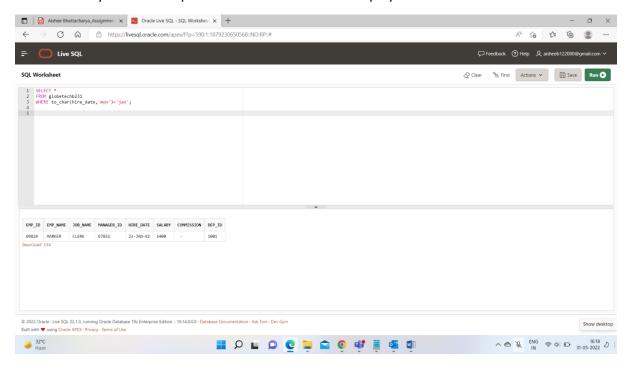
Case 18: From the following table, write a SQL query to find those employees who joined in the month January. Return complete information about the employees.


```
1  SELECT *
2  FROM globetechb231
3  WHERE to_char(hire_date,'mon')='jan';
4
5
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
69824	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV

Case 19: From the following table, write a SQL query to find the name of employees and their manager separated by the string 'works for'.

SQL Worksheet   Clear   Find   Actions ∨   Save   Run ▶

```
1  SELECT e.emp_name || ' works for ' || m.emp_name
2  FROM globetechb231 e,
3       globetechb231 m
4  WHERE e.manager_id = m.emp_id;
5
6  |
```

E.EMP_NAME||'WORKSFOR'||M.EMP_NAME
BLAZE works for KAYLING
CLARE works for KAYLING
JONAS works for KAYLING
ADELYN works for BLAZE
WADE works for BLAZE
MADEN works for BLAZE
TUCKER works for BLAZE
JULIUS works for BLAZE
SCARLET works for JONAS

Case 20: From the following table, write a SQL query to find those employees whose designation is 'CLERK'. Return complete information about the employees.

SQL Worksheet   Clear   Find   Actions ∨   Save   Run ▶

```
1  SELECT *
2  FROM globetechb231
3  WHERE job_name='CLERK';
4
5
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-91	900	-	2001
68736	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69824	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV
4 rows selected.