

CASE STUDY (NUMBER -02)---SOLUTION SUBMISSION
ON
AZURE ANALYTICS
BY

NAME : SAI KIRAN ANCHE
BATCH:DXC-262-ANALYTICS-B12-AZURE
TRAINING UNDER : MANIPAL PRO LEARN
DATE OF SUBMISSION : 1-06-2022
EMPLOYEE DOMAIN - AZURE ANALYTICS

ROLL NO: DXC262AB12021
COMPANY – DXC TECHNOLOGY
TRAINER NAME – MR. AJAY KUMAR
NO OF TEST CASES :12

PROBLEM STATEMENT:

Assignment 1st June 2022:

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 - Part - 3:

Table:

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

TEST CASES :

case 21: From the following table, write a SQL query to find those employees whose experience is more than 27 years.

Return complete information about the employees

case 22: From the following table, write a SQL query to find those employees whose salaries are less than 3500.

Return complete information about the employees.

case 23: From the following table, write a SQL query to find the employee whose designation is 'ANALYST'.

Return employee name, job name and salary

case 24 : From the following table, write a SQL query to find those employees who have joined in the year 1991.

Return complete information about the employees

case 25: From the following table, write a SQL query to find those employees who joined before 1st April 1991.

Return employee ID, employee name, hire date and salary

case 26: From the following table, write a SQL query to find those employees who are not working under a manager.

Return employee name, job name.

case 27: From the following table, write a SQL query to find those employees who joined on 1st May 91.

Return complete information about the employees.

case 28 :From the following table, write a SQL query to find those employees working under the manger whose ID is 68319.

Return employee ID, employee name, salary, and age.

case 29 :From the following table, write a SQL query to find those employees who earn more than 100 as daily salary.

Return employee ID, employee name, salary, and age.

case 30 :From the following table, write a SQL query to find those employees who retired after 31-Dec-99,

completion of 8 years of service period. Return employee name.

case 31 :From the following table, write a SQL query to find those employees whose salary is an odd value.

Return complete information about the employees.

case 32 :From the following table, write a SQL query to find those employees whose salary contains only three digits.

Return complete information about the employees.

INTRODUCTION

This is a case study given by manipal pro learn team on the basis of the training done in the forenoon session of this morning. The main objective behind this case study is to work on industry-based problems and achieve solutions for the solutions.

The problem statement have ten cases and these are of easy to moderately difficult level. All the cases have been focused on what the trainer taught in the earlier sessions. Basic operations in the data using SQL are performed that include :

- CREATE
- INSERT
- UPDATE
- SELECT

Along with some more interesting cases.

This case study gives me immense confidence in mastering the domain that has been assigned to me.

The queries have been highlighted with green color and later the snap shot of the output is attached.

SOLUTIONS

CREATING TABLE :

```
CREATE TABLE globetechtb2312 (emp_id INT , emp_name VARCHAR(220) ,job_name VARCHAR(220) , manager_id INT, hire_date DATE , salary FLOAT , commission FLOAT , dep_id INT);
```

INSERTING :

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (68319 , 'KAYLING' , 'PRESIDENT' , NULL , DATE'1991-11-18' , 6000.00 , NULL , 1001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (66928 , 'BLAZE' , 'MANAGER' , 68319 , DATE'1991-05-01' , 2750.00 , NULL , 3001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (67832 , 'CLARE' , 'MANAGER ' , 68319 , DATE'1991-06-09' , 2550.00 , NULL , 1001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (65646 , 'JONAS' , 'MANAGER' , 68319 , DATE'1991-04-02' , 2957.00 , NULL , 2001 );
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (67858 , 'SCARLET' , 'ANALYST' , 65646 , DATE'1997-04-19' , 3100.00 , NULL , 2001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (69062 , 'FRANK' , 'ANALYST' , 65646 , DATE'1991-12-03' , 3100.00 , NULL , 2001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (63679 , 'SANDRINE' , 'CLERK' , 69062 , DATE'1990-12-18' , 900.00 , NULL , 2001 );
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (64989 , 'ADELYN' , 'SALESMAN' , 66928 , DATE'1991-02-20' , 1700.00 , 400.00 , 3001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (65271 , 'WADE' , 'SALESMAN' , 66928 , DATE'1991-02-22' , 1350.00 , 600.00 , 3001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary , commission , dep_id)
```

```
values (66564 , 'MADDEN' , 'SALESMAN' , 66928 , DATE'1991-09-28' , 1350.00 , 1500.00 , 3001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary ,  
commission , dep_id)
```

```
values (68454 , 'TUCKER' , 'SALESMAN' , 66928 , DATE'1991-09-08' , 1600.00 , 0.00 , 3001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary ,  
commission , dep_id)
```

```
values (68736 , 'ADNRES' , 'CLERK' , 67858, DATE'1997-05-23' , 1200.00 , NULL , 2001);
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary ,  
commission , dep_id)
```

```
values (69000 , ' JULIUS' , 'CLERK' , 66928 , DATE'1991-12-03' , 1050.00 , NULL , 3001 );
```

```
INSERT INTO globetechtb2312 (emp_id , emp_name ,job_name , manager_id, hire_date , salary ,  
commission , dep_id)
```

```
values (69324 , ' MARKER' , 'CLERK' , 67832,DATE'1992-01-23',1400.00, NULL, 1001 );
```

case 21: From the following table, write a SQL query to find those employees whose experience is more than 27 years.

PROGRAM:

```
SELECT *FROM globetechtb2312
```

```
WHERE HIRE_DATE < DATE'1995-01-01';
```

OUTPUT :

The screenshot shows the Oracle Live SQL web interface. The browser tabs include 'Download Microsoft Team...', '(1) Meeting | Microsofi...', 'Your Experian Credit Score', '(88) WhatsApp', 'Oracle Live SQL - SQL Worl...', and 'case study 2 by sai kiran a...'. The address bar shows 'livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::'. The page title is 'Live SQL'. The 'SQL Worksheet' section contains the following query:

```
1 SELECT *FROM globetechtb2312
2 WHERE HIRE_DATE < DATE'1995-01-01';
3
```

The results are displayed in a table with 8 columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. There are 13 rows of data.

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-NOV-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64889	ADELYN	SALESPMAN	66928	28-FEB-91	1700	400	3001
65273	MADE	SALESPMAN	66928	22-FEB-91	1350	600	3001
66564	MADONN	SALESPMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESPMAN	66928	08-SEP-91	1600	0	3001
69080	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	PARKER	CLERK	67832	23-JAN-92	1400	-	1001

Below the table, it says 'Download CSV' and '13 rows selected.' The footer includes copyright information: '© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym' and a note 'Built with ❤️ using Oracle APEX - Privacy - Terms of Use'. The bottom bar shows 'TeamsSetup_c_w_exe' and 'General-2022060...mp4' with a 'Show all' button.

Return complete information about the employees

case 22: From the following table, write a SQL query to find those employees whose salaries are less than 3500.

PROGRAM:

```
SELECT *FROM globetechtb2312
```

```
WHERE SALARY < 3100;
```

OUTPUT:

The screenshot shows the Oracle Live SQL web interface. The browser tabs include 'Download Microsoft Teams', 'Meeting | Microsoft', 'Your Experian Credit Score', '(68) WhatsApp', 'Oracle Live SQL - SQL Worl', and 'case study 2 by sai kiran a'. The address bar shows the URL 'livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP:'. The page title is 'Live SQL'. The 'SQL Worksheet' section contains the following query:

```
1 SELECT *FROM globetechtb2312
2 WHERE SALARY < 3100;
3
```

The results are displayed in a table with 8 columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. There are 11 rows of data.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADON	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
68736	ADRIEN	CLERK	67858	23-MAY-97	1200	-	2001
69080	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	MARKEE	CLERK	67832	23-JAN-92	1400	-	1001

Below the table, it says 'Download CSV' and '11 rows selected.' The footer of the page includes copyright information: '© 2021 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym' and 'Built with ♥ using Oracle APEX - Privacy - Terms of Use'.

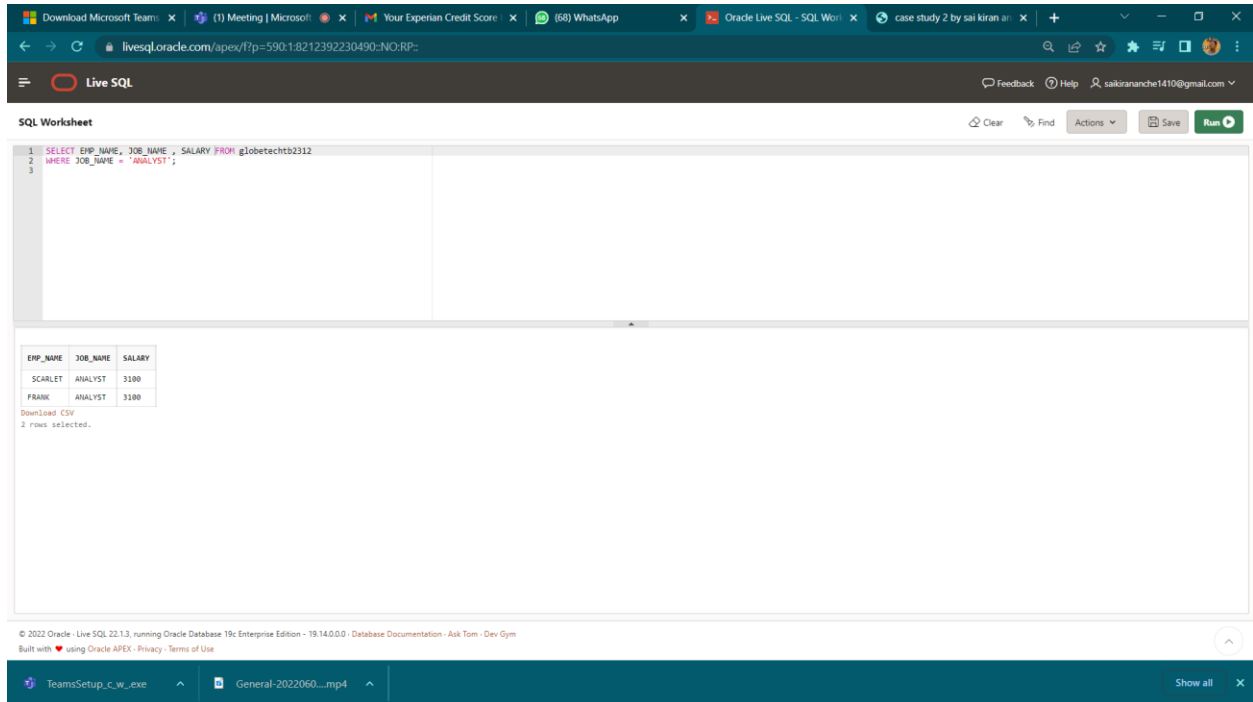
Return complete information about the employees.

case 23: From the following table, write a SQL query to find the employee whose designation is 'ANALYST'.

PROGRAM:

SELECT EMP_NAME, JOB_NAME , SALARY FROM globetechtb2312
WHERE JOB_NAME = 'ANALYST';

OUTPUT:



The screenshot shows the Oracle Live SQL web interface. The browser's address bar displays the URL: `livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::`. The page title is "Live SQL". The SQL Worksheet area contains the following query:

```
1 SELECT EMP_NAME, JOB_NAME, SALARY FROM globetechtb2312
2 WHERE JOB_NAME = 'ANALYST';
3
```

The output of the query is displayed in a table with 2 rows selected:

EMP_NAME	JOB_NAME	SALARY
SCARLET	ANALYST	3100
FRANK	ANALYST	3100

Below the table, there is a "Download CSV" link and the text "2 rows selected.".

At the bottom of the interface, the footer text reads: "© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym. Built with ♥ using Oracle APEX - Privacy - Terms of Use".

Return employee name, job name and salary

case 24 : From the following table, write a SQL query to find those employees who have joined in the year 1991.

PROGRAM:

SELECT *

FROM globetechtb2312

WHERE to_char(hire_date,'YYYY')='1991';
OUTPUT:

The screenshot shows the Oracle Live SQL web interface. The browser tabs include 'Download Microsoft Teams', 'Meeting | Microsoft Teams', 'Oracle Live SQL - SQL Worl', 'case study 2 by sai kiran an', 'sql mod even odd Code E', and '(66) WhatsApp'. The address bar shows the URL 'livesql.oracle.com/apex/?p=590:18212392230490:NO:RP:'. The page title is 'Live SQL'. The interface includes a 'SQL Worksheet' section with a query editor and a 'Run' button. The query entered is:

```
1 SELECT *
2 FROM globetechb2312
3 WHERE to_char(hire_date,'YYYY')='1991';
```

The results are displayed in a table with 8 columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. There are 10 rows of data. Below the table, it says 'Download CSV' and '10 rows selected.'.

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
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	400	3001
66564	MADDERN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
69080	JULIUS	CLERK	66928	03-DEC-91	1850	-	3001

At the bottom, the footer text reads: '© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym. Built with ♥ using Oracle APEX - Privacy - Terms of Use.' The taskbar at the bottom shows 'TeamsSetup_c_w.exe' and 'General-2022060...mp4'.

Return complete information about the employees
case 25: From the following table, write a SQL query to find those employees who joined before 1st April 1991.

Program:

```
SELECT emp_id, EMP_NAME, JOB_NAME, SALARY FROM globetechb2312
WHERE HIRE_DATE < date'1991-04-01';
```

Output:

Download Microsoft Teams Des... Meeting | Microsoft Teams Oracle Live SQL - SQL Worksheet case study 2 by sai kiran anche... New Tab

livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::

Live SQL

SQL Worksheet

1 SELECT emp_id, emp_name, job_name, salary FROM globetechtb2312
2 WHERE hire_date < date '1991-04-01';
3

EMP_ID	EMP_NAME	JOB_NAME	SALARY
63679	SANDRINE	CLERK	900
64989	ADELIN	SALESMAN	1700
65271	MADE	SALESMAN	1350

Download CSV
3 rows selected.

© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

TeamsSetup_c_w_exe General-2022060...mp4 Show all

Return employee ID, employee name, hire date and salary
case 26: From the following table, write a SQL query to find those employees who are not working under a manager.

Return employee name, job name.

PROGRAM:

```
SELECT EMP_NAME, JOB_NAME  
FROM globetechtb2312  
WHERE MANAGER_ID IS NULL;
```

OUTPUT:

Download Microsoft Teams x Meeting | Microsoft T x Oracle Live SQL - SQL Wor x case study 2 by sai kiran an x sql mod even odd Code E x (68) WhatsApp x

livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::

Live SQL

Feedback Help saikirananche1410@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT EMP_NAME, JOB_NAME
2 FROM globetechtb2312
3 WHERE MANAGER_ID IS NULL;
```

EMP_NAME	JOB_NAME
KAYLING	PRESIDENT

Download CSV

© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

TeamsSetup_c_w_exe General-2022060...mp4 Show all

case 27: From the following table, write a SQL query to find those employees who joined on 1st May 91.

Program:

```
SELECT *FROM globetechtb2312
```

```
where HIRE_DATE = DATE'1991-05-01';
```

output:

The screenshot shows the Oracle Live SQL web interface. The browser tabs include 'Download Microsoft Teams Des...', 'Meeting | Microsoft Teams', 'Oracle Live SQL - SQL Worksheet', 'case study 2 by sai kiran anche', and 'New Tab'. The address bar shows the URL 'livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::'. The 'Live SQL' logo is in the top left, and 'Feedback', 'Help', and a user profile 'sai kiran anche1410@gmail.com' are in the top right.

The 'SQL Worksheet' section has a toolbar with 'Clear', 'Find', 'Actions', 'Save', and 'Run' buttons. The SQL editor contains the following query:

```
1 SELECT *FROM globetechtb2312
2 where HIRE_DATE = DATE '1991-05-01';
3
```

The results section displays a table with the following data:

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEPT_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001

Below the table is a 'Download CSV' link. At the bottom, a footer contains copyright information: '© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym' and a note 'Built with using Oracle APEX - Privacy - Terms of Use'. The taskbar at the very bottom shows 'TeamsSetup_c_w_exe' and 'General-2022060...mp4'.

Return complete information about the employees.

case 28 :From the following table, write a SQL query to find those employees working under the manger whose ID is 68319.

PROGRAM:

```
SELECT *
FROM globetechtb2312
WHERE MANAGER_ID=68319;
```

OUTPUT:

Download Microsoft Teams | (1) Meeting | Microsoft | Oracle Live SQL - SQL Work | case study 2 by sai kiran a | sql mod even odd Code E | (68) WhatsApp

livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::

Live SQL

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechtb2312
3 WHERE MANAGER_ID=68319;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIREDATE	SALARY	COMMISSION	DEPT_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001

Download CSV
3 rows selected.

© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

TeamsSetup_c_w.exe General-2022060...mp4 Show all

Return employee ID, employee name, salary, and age.

case 29 :From the following table, write a SQL query to find those employees who earn more than 100 as daily salary.

Return employee ID, employee name, salary, and age.

```
SELECT *
FROM globetechtb2312
WHERE SALARY>3000;
OUTPUT:
```

Download Microsoft Teams x Meeting | Microsoft T x Oracle Live SQL - SQL Wor x case study 2 by sai kiran an x sql mod even odd Code E x (67) WhatsApp x + - x

livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP::

Live SQL Feedback Help saikirananche1410@gmail.com

SQL Worksheet Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechb2312
3 WHERE SALARY>3000;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEPT_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001

Download CSV
3 rows selected.

© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym
Built with ♥ using Oracle APEX - Privacy - Terms of Use

TeamsSetup_c_w_exe ^ General-2022060...mp4 ^ Show all x

case 30 :From the following table, write a SQL query to find those employees who retired after 31-Dec-99,
completion of 8 years of service period. Return employee name.

case 31 :From the following table, write a SQL query to find those employees whose salary is an odd value.

Return complete information about the employees.

PROGRAM:

SELECT *

FROM globetechtb2312 WHERE mod(salary,2) = 1;

The screenshot shows the Oracle Live SQL web interface. The browser tabs include 'Download Microsoft Team...', 'Meeting | Microsoft Te...', 'Oracle Live SQL - SQL Wor...', 'case study 2 by sai kiran a...', 'sql mod even odd Code E...', and '(67) WhatsApp'. The address bar shows 'livesql.oracle.com/apex/f?p=590:18212392230490::NO:RP:'. The page title is 'Live SQL'. The SQL Worksheet area contains the following query:

```
1 SELECT *
2 FROM globetechtb2312 WHERE mod(salary,2) = 1;
```

The results are displayed in a table with the following columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. The table contains one row of data:

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001

Below the table, there is a 'Download CSV' link. The footer of the page includes the copyright information: '© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.140.0.0 - Database Documentation - Ask Tom - Dev Gym' and 'Built with ♥ using Oracle APEX - Privacy - Terms of Use'.

case 32 :From the following table, write a SQL query to find those employees whose salary contains only three digits.

Return complete information about the employees.

PROGRAM:

```
SELECT *FROM globetechtb2312
```

```
where LENGTH(TRIM (to_char(salary)))= 3;
```

OUTPUT:

The screenshot shows the Oracle Live SQL Worksheet interface. The SQL query entered is:

```
1 SELECT *FROM globetechtb2312
2 where LENGTH(TRIM (to_char(salary)))= 3;
3
```

The output is a table with the following data:

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001

Below the table, there is a link to "Download CSV".

RESULT

Almost all the test cases have been solved and presented successfully in the present document except 1 due to lack of data .

CONCLUSIONS

All the case studies have been solved successfully with all the concepts that have been covered in the training session. It's really a great experience of learning while solving the cases. This case study gave me immense confidence regarding my ability to upskill in new technologies.

